



CLOSED SITE MANAGEMENT GROUP

1700 North Broad Street Fairborn, OH 45324 (937) 318-5342 (832) 668-3169 Fax

August 1, 2011

FEDERAL EXPRESS

Ms. Pamela Molitor Remedial Project Manager U.S. EPA, SR-6J 77 West Jackson Boulevard Chicago, IL 60604

SUBJECT: 2011 FIRST SEMI-ANNUAL PROGRESS REPORT

REMEDIAL ACTION

POWELL ROAD LANDFILL

U.S. EPA DOCKET NO. V-W-98-C- 466/465

Dear Pamela:

Pursuant to the above referenced Orders WMO is presenting you with the progress report for the Remedial Action O&M activities at the Powell Road Landfill. This report is for the period of January 1, 2011 thru June 30, 2011. This report was prepared per the requirements specified in the above referenced UAO's and per the frequency approved by USEPA on May 10, 2004.

1.0 DESCRIPTION OF TASKS/ACTIONS PERFORMED IN ACCORDANCE WITH UAO V-W-98-C-466 DURING THIS REPORTING PERIOD

The following submittals were made: 02/10/11 – SA Progress Report

03/16/11 - SA GW Report

04/18/11 - GW Sampling Notification

04/21/11 - Annual Report

2.0 SUMMARY OF WORK COMPLETED (01/11-06/11)

The following occurred: 1^{st} SA GW event -05/2/11

quarterly inspection – 03/22/11 quarterly inspection – 06/24/11 mowing – 07/11 completed

cap repairs - 07/11 completed

LEACHATE SUMMARY			
January	8,000 gals		
February	9,000 gals		
March	58,600 gals		
April	50,000 gals		
May	59,000 gals		
June	15,000 gals		
Total	199,600 gals		

GAS WELL TUNING		
January	01/13/11	
February	02/18/11	
March	03/24/11	
April	04/21/11	
May	05/20/11	
June	06/03/11	

The (03/22/11; 06/24/11) quarterly inspections and (03/22/11; 06/24/11) gas probe monitoring forms are attached. The G/L liquid levels were measured on 2/18/11, 03/24/11, 4/21/11 and 06/03/11 see attached. The site was mowed and cap repairs noted in the previous inspection were completed in June & July. The system downtime and maintenance reports are attached.

3.0 90 DAY SCHEDULE(S) WORK PLANNED (07/11-12/11)

The next semi-annual report will be submitted in January 2012.

Leachate pump maintenance – 7/11
Qtrly inspection – 09/11
Fence/cap repairs – 09-10/11
G/L liquids – 09/11
Qtrly gas probes – 09/11
1st SA GW Report – 08/11
2nd SA GW event – 11/11
Qtrly inspection - 12/11
Qtrly gas probes – 12/11
G/L liquids – 12/11
SA Progress Report – 01/12

4.0 SCHEDULE VARIANCES FROM APPROVED RA PROJECT SCHEDULE

No significant activity this reporting period.

5.0 SUMMARY OF GROUNDWATER ACTIVITY PER UAO V-W-98-C-465 DURING THIS PERIOD

No significant activity.

6.0 SUMMARY AND DISCUSSION OF ALL APPROVED AND UNAPPROVED CHANGES MADE IN THE RA DURING THIS PERIOD

No significant activity.

7.0 SUMMARY OF PROBLEMS/DELAYS OR POTENTIAL PROBLEMS/DELAYS ENCOUNTERED DURING THIS PERIOD

No significant activity.

8.0 ACTIONS BEING TAKEN TO RECTIFY PROBLEMS/DELAYS

See attached downtime reports.

9.0 CHANGES IN PERSONNEL DURING THIS REPORTING PERIOD

No changes in personnel; WM submitted change in contact information for Robin Jones on 5/5/2011.

10.0 PROJECTED WORK FOR THE NEXT REPORTING PERIOD

See items in Section 3 above.

Pamela Molitor August 1, 2011 Page 4 of 4

11.0 COPIES OF REPORTS AND SAMPLING RESULTS GENERATED DURING THIS PERIOD

See attached downtime, gas and quarterly inspection reports.

Please contact Robin Jones regarding this submittal at 937-318-5342.

Respectfully,

Robin L. Jones ⁶ District Manager

WM Closed Sites

Powell Road Landfill Project Coordinator

attachment

cc. Jim Forney, WM CSMG
Scott Glum, OEPA/SWDO/DERR
PRL Distribution

POST-CLOSURE QUARTERLY INSPECTION FORM Powell Road Landfill

		Last Inspection		
Date:	6/24/2011	Date:	3/22/2011	
Landfill Type:	Closed Municipal/CERCLA	Evaluator:	TOM MILLER	
Total Acreage: 76	76	Filled Acreage:	38	
Date Closed: 1984	1984	Date Capped:	1985 - 2000	

	GOOD	ADEQUATE	ATTENTION	NOT APPLICABLE
SECURITY & ACCESS:				
Perimeter Fencing		7	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
2. Signs Posted	1		† 	
3. Access Road	1			
4. Undesirable Uses Prevented	1			
COVER & VEGETATION:				
1. Final Cover Erosion				
2. Top Slope Good Drainage			7	
3. Side Slope Good Drainage	7			
4. Evidence of Gas or Leachate	V			
5. Vegetation Quality & Density	7			
DRAINAGE:				
1. Appropriate Runoff Controls				
2. Diversion Ditches		V		
3. Perimeter Ditches				
4. Perimeter Stone				
5. Outlet Structures				
6. Roads	√			
GW MONITORING WELLS:				
Construction Integrity	√			
2. Security of Wells	V			
3. Identification of Wells	V			
LEACHATE & GAS SYSTEMS:				
Collection Sumps/Risers				
2. Electrical Components	V			
Leachate Pad Loading				
4. Storage Tank				
5. Security of System	V			
6. Flare/Blower Operation	1			
7. Extraction Wells/Pumps		V		
8. Mechanical Components	V			
9. Gas Probes	1			
9. Evidence of Odors/Migration	V			
10. Autodialer	7			

COMMENTS: Please see attached map.

- 1) G/L 6,4,18,10,11,and 14 have rodent holes dug next to the well casing, will be fixed by 8/30/11.
- 2) Area of sparse veg. SW 50' of GL-17 (20' x 10'), will be graded and re-seeded in late September.
- 3) Fence repairs scheduled for 4QTR, no security issues.

Fence, Signs, Gates, and Locks Inspection Sheet

Landfill Identification:	Powell Rd	Landfill Owner/Client:	Robin Jones
Technician:	TOM MILLER	Landfill Location:	Huber Heights
Date of Inspection:	June 24, 2011		

Property Perimeter Fence Inspection Data:	Yes	No	Comments
Are all fence posts straight & free of damage:		V	See Below
Are all fence panels in good condition (no breaks in the fence):	V		No Comments
Are all fence panels securely fastened to all fence posts:		٧	See Below
Does the fence have barb wire runners installed atop the fence:	v		See Below
If so, are all barb wire hangers in good condition and in place.		٧	See Below
And are all barb wire strands in good condition and in place		V	See Below
Are there any signs of trespassing:		v	No Comments
Are there any gaps in the fence between the ground & the bottom of the fence:		V	No Comments
Are all required signs attached to the fence in 150 ft intervals:		· ·	No Comments
Are all signs clearly legible and in good condition:	`		No Comments
Are all fence panels and barb wire runners clear of vegetation:			See Below

Flare / UST Station Fence	Yes	No	Comments
Are all fence posts straight & free of damage:	٧		No Comments
Are all fence panels in good condition (no breaks in the fence):	V		No Comments
Are all fence panels securely fastened to all fence posts.	٧		No Comments
Does the fence have barb wire runners installed atop the fence:	v		No Comments
If so, are all barb wire hangers in good condition and in place:	√		No Comments
And are all barb wire strands in good condition and in place:	٧		No Comments
Are there any signs of trespassing:		V	No Comments
Are there any gaps in the fence between the ground & the bottom of the fence:		٧	No Comments
Are all required signs attached to the fence in 150 ft intervals:	Ý		No Comments
Are all signs clearly legible and in good condition.	V		No Comments
Are all fence panels and barb wire runners clear of vegetation.	√		No Comments

Man way and Main Site Entrance Gates Inspection Data:	Yes	No	Comments
Are all gates in good condition:	v		No Comments
Are all gate hinges in good condition:	Ý		No Comments
Do all gates close completely and evenly:	٧		No Comments
Are all gates locked only with approved site locks	V		No Comments
Are all security chains heavy duty & in good condition.	1		No Comments
Are all security chains tightly wrapped twice around the gate & the support pole:	v.		No Comments
Are all required signs attached to the main entrance site gate(s):	V		No Comments
Are all required signs attached to the man way gate(s)	Ý		No Comments

Additional Comments: Several areas on the south side of the site have fence damage due to over flooding	
1-40' section East of GW18B is leaning at a 45 degree angle	
2-25' section East of GW 17A has been damaged by a tree falling on it	
3-30' section of barbwire West of GW-4BRR was broken due to fallen tree.	
4-40' of fence damged on the east side where the creek and river meet due to debns from flooding hitting and	
pushing the fence over	

SURFACE WATER CONTROL INSPECTION LOG

	Date Filed:
Ohio EPA Storm Water Construction Powell Road Landfill, Montgomery C	General Permit No
Date of Inspection: 6/24/11	
Name of Inspector & Title:	TOM MILLER-LANDFILL SUPERVISOR
Affiliation:	WM EMPLOYEE
Qualifications	
Weather Conditions:	PARTLY CLOUDY 72 DEGREES
Completely fill in the information required belo	ow and sign where noted. Forward to Remedial Project Manager for filing.
Are measures to prevent erosion and sec	diment control adequate and properly implemented: YES
(If no, describe observations, repairs nee	eded, design changes needed, or other actions below.)
Are non structural practices (surface grade)	ding, vegetative cover, mulch, channel riprap) adequate: YES
Are structural practices (silt fencing and continuous)	ditch checks) adequ∉ N/A
Stabilization/Nonstructural Practices. Surface Grading:	In good condition
	
Actions to correct problem:	N/A
Vegetative Cover	In good condition
Actions to correct problem:	N/A
Erosion Control Blanket and Mulch(NOTI designed to degrade overtime)	E: erosion control blankets and mulch are temporary controls and are In good condition
Actions to correct problem:	N/A
Riprap Channel Lining:	In good condition

Inspection Log - Cont.	Date: _	6/24/2011	
Actions to correct problem:	Actions to correct problem: N/A		
B. Structural Practices.			
Silt fencing (NOTE: silt fencing vegetation is established):	is designed as a temporary control measure	and will be removed once the /A	
Actions to correct problems:	N	/A	
 Ditch checks (NOTE: ditch checked): 	cks are designed as a temporary control meas	sure and will be removed once the condition	
Actions to correct problems:	N	/A	
C. Discharge locations (NOTE: an	y discharge of sediments off site):	No	
Actions to correct problems:	N	/A	
Vehicles Tracking Sediment Of Actions to correct problem:	f-Site NO N/	/A	
E. Status of Previous Maintenance	Activities (NOTE: location and problems):		
Actions to correct problems:	N/	A	
F. Other Remarks:	N/A		
nspector's Signature: _ Signature: _ Date: 6/24/2011	ature on file		

Waste Management, Inc. Closed Site Management Group Landfill Systems Equipment Inspection Report

Date	5/20/2011	_	Location:	Powell Rd Landfill Huber Heights, OH
Inspector	: Gerald Cuffe	•		
Landfill Gas Collect	ion System:			Comments
LFG Blower	Operating	Yes	T	No additional comments
2. 0 0.0.0.	Vibrations Noticed		No	No additional comments
	Properly Greased	Yes	+	No additional comments
	Excessive Noise		No	No additional comments
Blower Motor	Properly Greased	Yes	1	No additional comments
Diower Motor	Excessive Noise	Yes	1	No additional comments
LFG Flare			† 	
LrG riare	Operating Properly	Yes Yes	╁╴╶┈╌┼	No additional comments
 	Igniter Functioning Properly		+	No additional comments
	Pilot Fuel Operating Properly	Yes	├ ──	No additional comments
	Propane Supply Adequate	Yes	<u> </u>	No additional comments
Control Panel	Temperature Display Present	Yes		No additional comments
	Display Lights Functioning	Yes		No additional comments
	Blower Amps Functioning	Yes		No additional comments
	Auto-Dialer Ready / Functioning	Yes		No additional comments
Electric Valves	Open During Operation	Yes	T	No additional comments
	Closed During Shut-Down	Yes		No additional comments
A : 0 - 1				
Air Supply:	Maintaining Brassura	Voo	т	No additional comments
Compressor	Maintaining Pressure	Yes	 	
	Vibrations Noticed		No	No additional comments
	Proper Oil Level Excessive Noise	Yes	No	No additional comments
	Excessive lanise		1 140 1	No additional comments
Leachate System	n:			
Pump Stations	Sump Pumps Functioning	Yes		No additional comments
	Fluids at an Acceptable Level	Yes	<u> </u>	No additional comments
	Control Panel OK	Yes		No additional comments
	Air Supply OK	Yes		No additional comments
Storage Tank	Fluids at an Acceptable Level	Yes		No additional comments
	Proper Valve operation	Yes		No additional comments
LFG Dual Extrac	tion Molle:			
LFG Wells	Wellhead in Good Condition	Yes		No additional comments
Li O Weiis	Pump Connections Secure	Yes		No additional comments
	Proper Air Supply	Yes	 	No additional comments
	Cycle Counter Functioning	Yes		No additional comments
	Observed Pump Cycle	Yes		No additional comments
	Topograph and State		<u> </u>	TVO dediction comments
Comments:		No addi	tional comme	nts.
				
			_ .	

PERMANENT GAS PROBE MONITORING REPORT LANDFILL GAS EXTRACTION SYSTEM POWELL ROAD LANDFILL

Combustible Gas Instrument Type:	CES Landtec GEM 2000	Serial No.:	GM07951/05
Date Last Calibrated:	6/24/2011	Method:	GA/Mode
Pressure Instrument Type:	CES Landtec GEM 2000	Serial No.:	GM07951/05
Water Level Instrument Type:	SOLINIST MODEL 101	Serial No.:	N/A
Weather Conditions:	PARTLY CLOUDY/ 72 DEGREES	Barometric Pressure:	29.79

Monitor Point	Time	Pressure In. W.C. (+/-)	Percent Methane	Water Level	Comments
GP-1	3:14	0.21	0.0	6.8	No Comments
GP-2	3:18	0.96	0.0	14.1	No Comments
GP-3	3:35	-9.03	0.0	11.7	No Comments
GP-4	3:47	0.15	0.0	13.2	No Comments
GP-5	4:01	0.24	0.0	8.4	No Comments
GP-6	4:17	1.46	0.0	9.1	No Comments

Date Performed: 6/24/2011

By: TOM MILLER

Powell Sierra Monitors

6/24/2011

Technician:

TOM MILLER

	ADDRESS, NAME & PHONE NUMBER	MONITOR FUNCTIONING PROPERLY?	MONITOR CALIBRATED?	MONITOR NEEDS ATTENTION?
1	Waste Management 4010 Powell Rd. 937-235-2382	Yes	No	No
2	Onsite Compressor Building	Yes	No	No

COMMENTS: No additional comments.

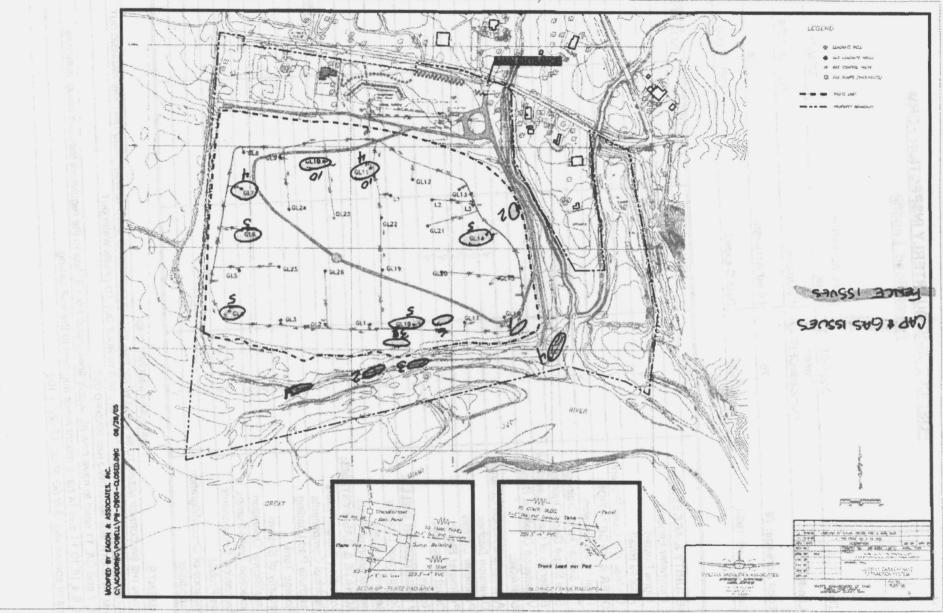
POST-CLOSURE QUARTERLY INSPECTION FORM Powell Road Landfill

		Last Inspection	•
Date:	3/22/2011	Date:	12/14/2010
Landfill Type:	Closed Municipal/CERCLA	Evaluator:	TOM MILLER
Total Acreage: 76	76	Filled Acreage:	38
Date Closed: 1984	1984	Date Capped:	1985 - 2000

	GOOD	ADEQUATE	ATTENTION	NOT APPLICABLE
SECURITY & ACCESS:				
Perimeter Fencing			$\sqrt{}$	
2. Signs Posted	V			
3. Access Road	7			
4. Undesirable Uses Prevented	V			
COVER & VEGETATION:				
1. Final Cover Erosion	V			
2. Top Slope Good Drainage	V			
3. Side Slope Good Drainage	V			
4. Evidence of Gas or Leachate	V			
5. Vegetation Quality & Density	V			
DRAINAGE:				
Appropriate Runoff Controls		V	T	
2. Diversion Ditches		V	V	
3. Perimeter Ditches		V		
4. Perimeter Stone		7		
5. Outlet Structures		1	7	
6. Roads	7			
GW MONITORING WELLS:				
Construction Integrity	7			
2. Security of Wells	V			
3. Identification of Wells	7			
LEACHATE & GAS SYSTEMS:				
Collection Sumps/Risers			1	See Below
2. Electrical Components				
3. Leachate Pad Loading	√			
4. Storage Tank	V			
5. Security of System	V		[
6. Flare/Blower Operation				
7. Extraction Wells/Pumps		V		
8. Mechanical Components	V			
9. Gas Probes	V			
9. Evidence of Odors/Migration	√			
10. Autodialer	V			1

COMMENTS: Please see attached map.

- 1) AREA IN THE SW CORNER NEEDS TO BE LINED W/ RIP RAP. AREA IS CURRENTLY LINED W/ SAND BAGS THAT ARE WASHING OUT.
- 2) DISCHARGE POINT TO CREEK NEEDS TO BE RELINED W/ ROCK DUE TO CREEK WASH OUT.
- 3) BERM ON SOUTH SIDE NEAR GW-2 HAS WASHED OUT.
- 4) G/L 7 and G/L 11 need to have new air supply lines install from 2" line to the regulators they are being stretched
- 5) G/L 6,4,18,10,11, and 14 have rodent holes dug next to the well casing.
- 6) Area of sparse veg. SW 50' of GL-17 (20' x 10')



Fence, Signs, Gates, and Locks Inspection Sheet

Landfili Identification:	Powell Rd	Landfill Owner/Client:	Robin Jones
Technician:	TOM MILLER	Landfill Location:	Huber Heights
Data of Inspection:	March 22 2011		

TOWN	MELLIN	Landin Location.	Tidbel Fleights	
Date of Inspection: March 22, 2011				
Property Perimeter Fence Inspection Data:	Yes	No	Comments	
Are all fence posts straight & free of damage:		٧	See Below	
Are all fence panels in good condition (no breaks in the fence):	V		No Comments	
Are all fence panels securely fastened to all fence posts:		7	See Below	
Does the fence have barb wire runners installed atop the fence:	٧		See Below	
If so, are all barb wire hangers in good condition and in place:		٧	See Below	
And are all barb wire strands in good condition and in place:		٧	See Below	
Are there any signs of trespassing:		1	No Comments	
Are there any gaps in the fence between the ground & the bottom of the fence:		1	No Comments	
Are all required signs attached to the fence n 150 ft intervals:		٧	No Comments	
Are all signs clearly legible and in good condition:	V		No Comments	
Are all fence panels and barb wire runners clear of vegetation:		V	See Below	
Flare / UST Station Fence	Yes	No	Comments	
Inspection Data: Are all fence posts straight & free of damage:	√		No Comments	
Are all fence panels in good condition (no	-1		No Comments	

Flare / UST Station Fence Inspection Data:	Yes	No	Comments
Are all fence posts straight & free of damage:	-	··	No Comments
Are all fence panels in good condition (no breaks in the fence):	٧		No Comments
Are all fence panels securely fastened to all fence posts:	٧		No Comments
Does the fence have barb wire runners installed atop the fence:	1		No Comments
If so, are all barb wire hangers in good condition and in place:	V		No Comments
And are all barb wire strands in good condition and in place:	4		No Comments
Are there any signs of trespassing:			No Comments
Are there any gaps in the fence between the ground & the bottom of the fence:		٧	No Comments
Are all required signs attached to the fence in 150 ft intervals:	√	···	No Comments
Are all signs clearly legible and in good condition:	٧		No Comments
Are all fence panels and barb wire runners clear of vegetation:	٧		No Comments

Man way and Main Site Entrance Gates Inspection Data:	Yes	No	Comments
Are all gates in good condition:	v		No Comments
Are all gate hinges in good condition:	V		No Comments
Do all gates close completely and evenly:	V		No Comments
Are all gates locked only with approved site locks:	v		No Comments
Are all security chains heavy duty & in good condition:	J		No Comments
Are all security chains tightly wrapped twice around the gate & the support pole:	1		No Comments
Are all required signs attached to the main entrance site gate(s):	٧		No Comments
Are all required signs attached to the man way gate(s):	4		No Comments

Additional Comments: Several areas on the south side of the site has	ave fence damage due to river flooding.
1-40' section East of GW18B has been pushe over to a 45 degree ang	e
2-25' section East of GW 17A has been damaged by a tree falling on it	
3-30' section of barbwire West of GW-4BRR was broken due to fallen to	00.
4-40' of fence damged on the east side where the creek and river meet	due to debns from flooding hitting and
pushing the fence over	

SURFACE WATER CONTROL INSPECTION LOG

	Date Filed:
Ohio EPA Storm Water Const. Powell Road Landfill, Montgon	ruction General Permit No nery County, Ohio
Date of Inspection: 3/22/11	
Name of Inspector & Title:	TOM MILLER-LANDFILL SUPERVISOR
Affiliation:	WM EMPLOYEE
Qualifications	
Weather Conditions:	PARTLY CLOUDY 61 DEGREES
Completely fill in the information requi	red below and sign where noted. Forward to Remedial Project Manager for filing.
(If no, describe observations, rep 2. Are non structural practices (surf	and sediment control adequate and properly implemented: YES pairs needed, design changes needed, or other actions below.) face grading, vegetative cover, mulch, channel riprap) adequate: YES ing and ditch checks) adequa
Observations (NOTE: location, proble	em, erosion, sediment build up, damage, etc.):
A. Stabilization/Nonstructural Practi	ces.
Surface Grading:	In good condition
Actions to correct problem:	N/A
Vegetative Cover	In good condition
Actions to correct problem:	N/A
Erosion Control Blanket and Mul designed to degrade overtime)	ch(NOTE: erosion control blankets and mulch are temporary controls and are In good condition
Actions to correct problem:	N/A
Riprap Channel Lining: Area on SE corr	Spill way to creek on east side of site is washing out due to creek flow. er has washed out and needs to be re lined with rip rap.
	

Inspection Log - Cont.	Date: 3/22/2011
Actions to correct problem:	N/A
3. Structural Practices.	
	emporary control measure and will be removed once the N/A
Actions to correct problems:	N/A
Ditch checks (NOTE: ditch checks are designed as vegetation is established):	a temporary control measure and will be removed once the In good condition
Actions to correct problems:	N/A
. Discharge locations (NOTE: any discharge of sedin	ments off site): No
Actions to correct problems:	N/A
. Vehicles Tracking Sediment Off-Site NO Actions to correct problem:	N/A
. Status of Previous Maintenance Activities (NOTE: l	ocation and problems):
Actions to correct problems:	N/A
F. Other Remarks:	N/A
nspector's Signature: Signature on file Date: 3/22/2011	

,

Waste Management, Inc. Closed Site Management Group Landfill Systems Equipment Inspection Report

Date	e:3/24/2011		Location:	Powell Rd Landfill Huber Heights, OH
Inspecto	r: Gerald Cuffe	•		
Landfill Gas Collec	tion System:			Comments
LFG Blower	Operating	Yes		No additional comments
	Vibrations Noticed		No	No additional comments
	Properly Greased	Yes		No additional comments
	Excessive Noise		No	No additional comments
Blower Motor	Properly Greased	Yes		No additional comments
	Excessive Noise	Yes		No additional comments
LFG Flare	Operating Properly	Yes		No additional comments
	Igniter Functioning Properly	Yes		No additional comments
	Pilot Fuel Operating Properly	Yes		No additional comments
	Propane Supply Adequate	Yes		No additional comments
Control Panel	Temperature Display Present	Yes	T	No additional comments
	Display Lights Functioning	Yes		No additional comments
	Blower Amps Functioning	Yes		No additional comments
	Auto-Dialer Ready / Functioning	Yes		No additional comments
Electric Valves	Open During Operation	Yes	T	No additional comments
	Closed During Shut-Down	Yes		No additional comments
Air Supply: Compressor	Maintaining Pressure	Yes		No additional comments
	Vibrations Noticed		No	No additional comments
	Proper Oil Level	Yes	1	No additional comments
	Excessive Noise		No	No additional comments
Leachate Syste	m:			
Pump Stations	Sump Pumps Functioning	Yes	T	No additional comments
	Fluids at an Acceptable Level	Yes		No additional comments
	Control Panel OK	Yes		No additional comments
	Air Supply OK	Yes		No additional comments
Storage Tank	Fluids at an Acceptable Level		No	Veolia has been notified
	Proper Valve operation	Yes		No additional comments
LFG Dual Extra	ction Walle:			
LFG Wells	Wellhead in Good Condition	Yes	r — r	No additional comments
	Pump Connections Secure	Yes		No additional comments
	Proper Air Supply	Yes	 	No additional comments
	Cycle Counter Functioning	Yes		No additional comments
	Observed Pump Cycle	Yes		No additional comments
Comments:	Fluids in the leachate tank were scheduled	for remov	al under our r	ormal callout procedure.
	- 			

PERMANENT GAS PROBE MONITORING REPORT LANDFILL GAS EXTRACTION SYSTEM POWELL ROAD LANDFILL

Combustible Gas Instrument Type:	CES Landtec GEM 2000	Serial No.:	GM07951/05
Date Last Calibrated:	3/22/2011	Method:	GA/Mode
Pressure Instrument Type:	CES Landtec GEM 2000	Serial No.:	GM07951/05
Water Level Instrument Type:	SOLINIST MODEL 101	Serial No.:	N/A
Weather Conditions:	PARTLY CLOUDY/ 61 DEGREES	Barometric Pressure:	29.09

Monitor Point	Time	Pressure In. W.C. (+/-)	Percent Methane	Water Level	Comments
GP-1	14:06	0.29	0.0	7.6	No Comments
GP-2	14:00	1.06	0.0	14.5	No Comments
GP-3	13:50	-15.06	0.0	12	No Comments
GP-4	13:43	0.13	0.0	13.3	No Comments
GP-5	13:39	0.20	0.0	8.2	No Comments
GP-6	13:34	3.27 0.0 9.4 No C		No Comments	

Date Performed: 3/22/2011

By: TOM MILLER

Powell Sierra Monitors

Date:

3/22/2011

Technician:

TOM MILLER

	ADDRESS, NAME & PHONE NUMBER	MONITOR FUNCTIONING PROPERLY?	MONITOR CALIBRATED?	MONITOR NEEDS ATTENTION?	
1	Waste Management 4010 Powell Rd. 937-235-2382	Yes	No	No	
2	Onsite Compressor Building	Yes	No	No	

COMMENTS: No additional comments.

Blower / Flare Station Data

A	Ameri		1							
1.5		onment	ai				Technician			
Maria S	Group	o Lta.								13/2011
								Client	R. J	ones, WMI
								Site	P	owell Rd
							Te	emperature		22°F
Before Tuning							Barome	etric Press.:	3	0.47"Hg
Location	CH4	CO2	02	Bal.	Press./Vac.	Temp.	Flow	<u> </u>	Comme	nts
Blower In	27.8	22.8	4.3	45.1	-35.1	48	206		None	
Blower Out	27	22	4.8	46.2	4.6	59	206		None	
After Tuning		·	<u> </u>							
Location	CH4	CO2	02	Bai.	Press./Vac.	Temp.	Flow		Comme	nts
Blower In	36.1	28.6	0.7	34.6	-34.9	47	216		None	
Blower Out	34.6	27.7	0.9	36.8	3.8	53	216		None	
Blower Data:	;									
			Yes	No	Comments					····
Blower Opera	ting Prop	erly?	٧		None					
Motor Operat	ing Prope	erly?	٧		None					
			Yes	No]			Yes	No	7
	Lube	Blowers:	V		Check Valves:			٧		1
(elts/Drive:	V		Check Actuator:			V		1
·		n Blower:	`	V	Check Flame Arrestor:			٧		1
Check Propar			٧		Check Compressor:			V		1
•	-	er Hours:	114	09.3	1	Check Aut		٧		1
	Blow	er Amps:	11	.0	Long Distar	nce Servic	e Active:	٧		1
Flare Data:		•					•			-
	lare Tem	perature:	14	84	Chec	k Ignition	System:	٧		7
		re Stack:	٧			J	Other:		'A	_
Compressor	Data:	_					-			_
System Pressure:		Pressure:	150	psi	Check Co	ompresso	r Drains:	V		7
	ryers Fun	ľ	٧			eck Dryers		V	 	1
Check Motor:			٧			Check Dri		v]

Sump Pump Data:

Operating

Sump Location	ocation Yes No		Cycle Counter	Comments		
West	٧		313,557	DTF 3.8 / DTB 14.9		
East	٧		769,799	DTF 9.8 / DTB 14.4		

Comments:	No Additional Comment
Comments.	

American Environmental Group Ltd.

Blower / Flare Station Data

Technician:	Gerald Cuffe				
Date:	2/18/2011				
Client:	R. Jones, WMI				
Site:	Powell Rd				
Temperature:	51°F				
Barometric Press.:	30.05"Hg				

Before Tuning

Location	CH4	CO2	O2	Bal.	Press./Vac.	Temp.	Flow	Comments
Blower In	30.2	26.4	0.8	42.6	-33.1	46	208	None
Blower Out	29.5	25.8	1.3	43.4	5.2	74	208	None

After Tuning

Location	CH4	CO2	02	Bal.	Press./Vac.	Temp.	Flow	Comments
Blower In	30.3	26.8	1.1	41.8	-35.4	50	205	None
Blower Out	29.1	25.9	1.4	43.6	4.1	80	205	None

Blower Data:

	Yes	No	Comments		····			
Blower Operating Properly?	V		None					
Motor Operating Properly?	V	<u> </u>	<u> </u>	None				
	Yes	No		Yes	No]		
Luba Playera			Chack Values:	.,,		1		

	res	NO		res	INO
Lube Blowers:	٧		Check Valves:	٧	
Check Belts/Drive:	٧		Check Actuator:	V	
Drain Blower:		٧	Check Flame Arrestor:	٧	
Check Propane: PSI 80%	٧		Check Compressor:	٧	
Blower Hours:	11831.1		Check Auto-Dialer:	٧	
Blower Amps:	10.6		Long Distance Service Active:	٧	

Flare Data:

Flare Temperature:	1300	Check Ignition System:	٧	
Drain Flare Stack:	٧	Other:	N.	/A

Compressor Data:

System Pressure:	150	psi	Check Compressor Drains:	٧	
Dryers Functioning:	>		Check Dryers Drains:	٧	
Check Motor:	٧		Check Drive Belts:	٧	

Sump Pump Data:

Operating

Sump Location	Yes	No	Cycle Counter	Comments
West	٧		347,743	None
East	٧		251,284	None

Comments:	No Additional Comment

Blower / Flare Station Data

	Envi	ronment	al					Technician:	Gera	ld Cuffe
		p Ltd.								1/2011
	>	1						Client:	R. Jon	es, WMI
								Site:	Pow	ell Rd
							Te	emperature:	3	6°F
							Barom	etric Press.:	29.9	90"Hg
Before Tuning		., .					,	,		
Location	CH4	CO2	O2	Bal.	Press./Vac.	Temp.	Flow	ļ	Comment	8
Blower In	45.2	26.9	1.9	26	3.7	55	207	ļ	None	······································
Blower Out	47.7	28.2	11	23.1	-34.6	46	207	<u> </u>	None	
After Tuning						 				
Location	CH4	CO2	02	Bai.	Press./Vac.	<u> </u>	Flow		Comment	В
Blower In	48.3	28.7	1	22	-35.8	47	199	ļ	None	
Blower Out	45.5	27.1	1.9	25.5	4.1	61	199	L	None	
Blower Data	:					_				
			Yes	No_		Comm				
Blower Opera			V	<u> </u>	None					
Motor Operat	ing Prop	eriy?	٧	L	None					
			Yes	No	Yes No					
	Lube	Blowers:	V		Check Valves: v					
(Check B	elts/Drive:	V		Check Actuator: ∨					
	Dra	in Blower:		V	Che	eck Flame	Arrestor:	V		
Check Propai	ne: PSI	47%	V		Check Compressor: v					
	Blow	er Hours:	120	9.7	Check Auto-Dialer:			٧		
	Blow	ver Amps:	10).1	Long Dista	nce Servic	e Active:	٧		
Flare Data:										
_	lare Tem	perature:	12	73	Che	ck lanition	k Ignition System: v			
		are Stack:				J	Other:		Α	
Compressor			ا حيب آسوا		l					
•		Pressure:	150	psi	Check C	ompresso	r Drains:	٧		
	•	nctioning:	٧			eck Dryers		v		
_	•	ck Motor:	٧		J.,	Check Dri		v		
0										
Sump Pump	vata:	Opera	atina							
Sump Loc	ation	Yes	No	Cvcle	Counter			Commen	nts	
West		٧			98,011			None	· <u></u>	
				<u></u>	-,			. 100		

<u>est</u>	V	390,011	Notie
ast	٧	779,497	None

No Additional Comment Comments:

American Environmental Group Ltd.

Blower / Flare Station Data

Technician:	Gerald Cuffe
Date:	4/21/2011
Client:	R. Jones, WMI
Site:	Powell Rd
Temperature:	44°F
Barometric Press.:	30.33"Hg

Before Tuning

Location	CH4	CO2	O2	Bal.	Press./Vac.	Temp.	Flow	Comments
Blower In	24.8	22	2.3	50.9	-21.9	57	168	None
Blower Out	23.8	21.5	2.8	51.9	4.8	85	168	None

After Tuning

Aitor running								
Location	CH4	CO2	O2	Bal.	Press./Vac.	Temp.	Flow	Comments
Blower In	26	22.9	2	49.1	-28.5	56	220	None
Blower Out	26.3	22.7	2.4	48.6	4.7	82	220	None

Comments

Blower Data:

Blower Operating Properly?	٧		None				
Motor Operating Properly?	٧		None				
[Yes	No	[Yes	No		
Lube Blowers:	٧		Check Valves:	٧			
Check Belts/Drive:	٧		Check Actuator:	٧]	
Drain Blower:		٧	Check Flame Arrestor:	٧			
Check Propage: DSI 74%			Check Compressor	V		Ţ	

Drain Blower:		٧	Check Flame Arrestor:	٧	
Check Propane: PSI74%	٧		Check Compressor:	٧	
Blower Hours:	124	08.6	Check Auto-Dialer:	٧	
Blower Amps:	9	.5	Long Distance Service Active:	٧	

Yes

No

Flare Data:

Flare Temperature:	1245	Check Ignition System:	٧	
Drain Flare Stack:	V	Other:	N.	/A

Compressor Data:

System Pressure:	150	psi	Check Compressor Drains:	٧	
Dryers Functioning:	٧		Check Dryers Drains:	٧	
Check Motor:	٧		Check Drive Belts:	٧	

Sump Pump Data:

Operating

Sump Location	Yes	No	Cycle Counter	Comments	
West	٧		415,349	None	
East	٧		266,177	None	

Comments: Technician ran the flare in Manual Control Mode because the flare was not firing up in

Automatic Mode. The flare was then switched into Automatic mode for continous operations.

Project Manager: Nick Jordon

American Environmental Group Ltd.

Blower / Flare Station Data

Technician:	Gerald Cuffe
Date:	5/20/2011
Client:	R. Jones, WMI
Site:	Powell Rd
Temperature:	63°F
Barometric Press.:	30.06"Hg

Before Tuning

Location	CH4	CO2	02	Bal.	Press./Vac.	Temp.	Flow	Comments
Blower In	28.1	24	1.2	46.7	-30.7	63	198	None
Blower Out	27.2	23.2	1.8	47.8	3.9	97	198	None

After Tuning

Location	CH4	CO2	02	Bal.	Press./Vac.	Temp.	Flow	Comments
Blower In	34.6	24.7	1.7	39	-29.8	64	220	None
Blower Out	34.5	25.2	1.7	38.6	3.6	107	220	None

Blower Data:

	Yes	No_	Comments			
Blower Operating Properly?	٧		None			
Motor Operating Properly?	٧		None			
[Yes	No]	Yes	No	
Lube Blowers:	٧		Check Valves:	٧		
Check Belts/Drive:	٧		Check Actuator:	٧		
Drain Blower:	٧		Check Flame Arrestor:	٧		
Check Propane: PSI 62%	٧		Check Compressor:	٧		

D. G D	·	1			<u> </u>
ropane: PSI 62%	٧		Check Compressor:	٧	
Blower Hours	126	94.8	Check Auto-Dialer:	>	
Blower Amps	: 9	.8	Long Distance Service Active:	٧	

Flare Data:

Flare Temperature:	1374	Check Ignition System:	٧	
Drain Flare Stack:	v	Other:	N.	/A

Compressor Data:

System Pressure:	150	psi	Check Compressor Drains:	٧	
Dryers Functioning:	٧		Check Dryers Drains:	٧	
Check Motor:	٧		Check Drive Belts:	V	

Sump Pump Data:

Operating

Sump Location	Yes	No	Cycle Counter	Comments
West	٧		415,745	None
East	٧		555,925	None

Comments:	No Additional Comment



Blower / Flare Station Data

Technician:	Gerald Cuffe
Date:	6/3/2011
Client:	R. Jones, WMI
Site:	Powell Rd
Temperature:	68°F
Barometric Press.:	29.96"Hg
-	

Before Tuning

Location	CH4	CO2	02	Bal.	Press./Vac.	Temp.	Flow	Comments
Blower In	28.2	25.7	1	45.1	-26.9	59	225	None
Blower Out	27.2	25.4	1.8	45.6	4.9	93	225	None

After Tuning

Location	CH4	CO2	O2	Bal.	Press./Vac.	Temp.	Flow	Comments
Blower In	31.7	30.8	1.1	36.4	-27.2	65	237	None
Blower Out	30.6	30.3	1.6	37.5	4.1	110	237	None

Blower Data:

	Yes	No	Comments			
Blower Operating Properly?	V			None		
Motor Operating Properly?	V		N	None		
	Yes	No	[Yes	No]
Lube Blowers	. v		Check Valves:	V]

Lubo L	V .		_	
Check Belt	٧			
Drain	Blower:	٧		
Check Propane: PSI _	59%	X		
Blower	r Hours:	128	55.5	
Blowe	1(0.2	Long	

	Yes	No
Check Valves:	٧	
Check Actuator:	٧	
Check Flame Arrestor:	٧	
Check Compressor:	٧	
Check Auto-Dialer:	٧	
Distance Service Active:	٧	

Flare Data:

Flare Temperature:	11	51
Drain Flare Stack:	x	

Check Ignition System:	٧	
Other:	N	/A

Compressor Data:

System Pressure:	160	psi
Dryers Functioning:	٧	
Check Motor:	٧	

Check Compressor Drains:	٧	
Check Dryers Drains:	٧	
Check Drive Belts:	٧	

Sump Pump Data:

Operating

Sump Location	Yes	No	Cycle Counter	Comments
West	٧		442,610	None
East	٧		825,940	None

Comments:	No Additional Comment
-	

Wellfield Monitoring Data



	D 4. 491	1 800	1 000	T 65	I B - 1	04-41- 5	T-2.	
POWLBLIN	Date/Time 1/13/2011 11:28	CH4	CO2	O2 4.3		Static Press.	Temp.	Comments
		27.8	22.8	4.8	45.1 46.2	-35 4.5	48 59	
POWLBLOT	1/13/2011 11:31	21		4.0	40.2	4.5	28	Barely Open No Change
G/L 01	1/13/2011 14:43	23.7	27.1	0.2	49	-2.2	38	Barely Open, No Change made in Valve Position
	1/13/2011 14.43	23.1	27.1	0.2	49	-2.2	30	No Change made in Valve
G/L 02	1/13/2011 14:47	48.1	32	0	19.9	-22.4	67	Position
	1/13/2011 14.47	40.1	1 32	 	13.5	-22.4	- 07	Barely Open, No Change
G/L 03	1/13/2011 15:22	20.8	22.9	6.3	50	-3.7	35	made in Valve Position
	1713/2011 13:22	20.0	22.5	0.5	30	-5.7		Barely Open, No Change
G/L 04	1/13/2011 15:25	11.6	13.5	10.9	64	-1.7	33	made in Valve Position
				10.0				Barely Open, No Change
G/L 05	1/13/2011 15:30	12.3	10.6	15.4	61.7	-1.8	33	made in Valve Position
0.7. 00			 					Barely Open, No Change
G/L 06	1/13/2011 15:38	39.4	33.9	0	26.7	-4.5	49	made in Valve Position
C/I 07								No Change made in Valve
G/L 07	1/13/2011 15:41	38	32.7	0	29.3	-5.3	33	Position, Fully Closed
G/L 08								Fully Closed, No Change
G/L 06	1/13/2011 15:44	16.5	24.2	2.3	57	-0.8	33	made in Valve Position
G/L 09								Barely Open, No Change
	1/13/2011 15:11	20.2	14.3	10.1	55.4	-0.6	37	made in Valve Position
G/L 10								Barely Open, No Change
	1/13/2011 15:05	27.4	27.4	1.7	43.5	-0.3	37	made in Valve Position
G/L 11	44000444404	20.0	00 =		45.0	_	0.5	Barely Open, No Change
	1/13/2011 14:24	26.3	28.5	0	45.2	-3	35	made in Valve Position
G/L 12	4/40/0044 44:40	0		20.7	700	0.2	27	Fully Closed, No Change
	1/13/2011 14:19		0.4	20.7	78.9	-0.3	37	made in Valve Position
G/L 13	1/13/2011 13:49	32.7	26.8	1.9	38.6	-5.6	38	No Change made in Valve Position, Barely Open
	1/13/2011 13.49	32.1	20.0	1.5	36.6	-5.0	- 30	Dec Flow Vacuum ,Barely
G/L 14					1			Open, Slightly Closed less
0,5 14	1/13/2011 13:54	2.7	3.1	17.3	76.9	-5.8	37	than 1/4 turn
	17 10 20 11 10 10 1			.,,,				No Change made in Valve
G/L 15	1/13/2011 13:58	30.5	22.3	2	45.2	-4.2	58	Position
00.40								No Change made in Valve
G/L 16	1/13/2011 14:01	3.5	17.7	2.5	76.3	-0.1	62	Position
C# 47								No Change made in Valve
G/L 17	1/13/2011 14:06	37.9	28.6	2.1_	31.4	-0.8	37	Position
G/L 18								Barely Open, No Change
G/L 18	1/13/2011 14:39	29.7	27.3	0.1	42.9	-4.7		made in Valve Position
		ì	į	1		1		Dec Flow Vacuum, Barely
G/L 19			İ					Open, Slightly Closed less
	1/13/2011 14:34	20.9	6.2	14.5	58.4	-2.7		than 1/4 turn
G/L 20		[Fully Open, No Change made
	1/13/2011 14:11	62	25.9	1.6	10.5	-33.4		in Valve Position
G/L 21	4/40/0044 44.45	20.0	40.0		54.0			Barely Open, No Change
	1/13/2011 14:15	26.2	12.9	9.1	51.8	-2		made in Valve Position
G/L 22	4/42/2014 44:20	42.0	40.0	_ 1	26.2	20.0		Dec Flow Vacuum, Slightly
	1/13/2011 14:29	43.8	19.9	0	36.3	-20.9		Closed less than 1/4 turn Surging, Inc Flow Vacuum,
G/L 23	1			ļ	l			Slightly Opened less than 1/4
G/L 23	1/13/2011 15:00	64.6	33	0.2	2.2	-32.5		turn
	1/13/2011 13:00		-33	0.2		-52.5		Fully Closed, No Change
G/L 24	1/13/2011 15:15	33.5	18.3	9.6	38.6	-8.8		made in Valve Position
	10/20/11/10:10	-55.5		 -	- 55.5	-5.5		Barely Open, No Change
G/L 25	1/13/2011 15:18	24.7	20.8	10.7	43.8	-0.4		made in Valve Position
	1/10/2011 10.10		20.0	10.7	75.0			Inc Flow Vacuum, Slightly
G/L 26	1/13/2011 14:54	62.3	31.5	0.8	5.4	-17.5		Opened less than 1/4 turn
POWLBLIN	1/13/2011 16:10	36.1	28.6	0.7	34.6	-34.8	47	opened loss than 174 turn
POWLBLOT	1/13/2011 16:14	34.6	27.7	0.9	36.8	3.9	53	
<u> </u>								

Comments:

No Additional Comment

Revised: 5/15/2008 SP

Welifield Monitoring Data



ID	Date/Time	CH4	CO2	02	Balance	Initial Static Press.	Adj. Static Press.	initial Temp. (Deg F)	Adj. Temp. (Deg F)	Comments
POWLBLIN	2/18/2011 9 30	30 2	26 4	0.8	42 6	-33 3	-33 1	47	46	
POWLBLOT	2/18/2011 9 34	29 5	25 8	13	43 4	52	5.2	72	74	
G/L 01	2/18/2011 12 05	26 3	22 3	2 7	48 7	-22	-2	67	67	Dec Flow Vacuum, Slightly Closed less than 1/4 turn
G/L 02	2/18/2011 12 11	42 6	30 8	0	26 6	-24.4	-24 5	69	69	No Change made in Valve Position
G/L 03	2/18/2011 13 13	0	01	21	78 9	-5 5	-5 4	66	65	Dec Flow Vacuum, Barely Open, Slightly Closed less than 1/4 turn
G/L 04	2/18/2011 13 19	1 5	4	175	77	-3 5	-35	67	68	Fully Closed, No Change made in Valve Position
G/L 05	2/18/2011 13 26	34 5	31	0 1	34 4	-17 2	-17.1	66	66	No Change made in Valve Position
G/L 06	2/18/2011 13 30	25	29	0	46	-77	-78	62	62	Slightly Closed less than 1/4 turn
G/L 07	2/18/2011 13 34	25 2	25 9	27	46.2	-7.4	-7 4	67	67	Fully Closed, No Change made in Valve Position
G/L 08	2/18/2011 13 40	1	23	18 6	78 1	-1 5	-16	67	67	Fully Closed, No Change made in Valve Position
G/L 09	2/18/2011 12 52	14 3	11 1	12 1	62 5	-1 4	1.5	56	66	No Crange made in Valve Position
G/L 10	2/18/2011 12 47	07	1 4	196	78 3	-06	-06	65	65	Dec Flow Vacuum, Slightly Closed less than 1/4 lum
G/L 11	2/18/2011 11 42	23	26 6	0	50 4	-38	-38	67	66	No Change made in Valve Position
G/L 12	2/18/2011 11 36	0	01	20 4	79 5	-07	-08	68	67	Fully Closed, No Change made in Valve Position, Fully Closed, No Change
G/L 13	2/18/2011 10 50	25 1	21 7	48	48 4	-62	-62	65	65	Fully Closed, No Change made in Valve Position
G/L 14	2/18/2011 10 58	45	3	174	75 1	-19	-2	64	64	Barely Open, Dec Flow Vacuum, Slightly Closed less than 1/4 turn
G/L 15	2/18/2011 11 02	23.4	22 9	0	53 7	-7	-64	65	65	Dec Flow Vacuum, Slightly Closed less than 1/4 turn
G/L 16	2/18/2011 11 07	05	16 7	17	81 1	-03	-03	72	72	No Change made in Valve Position
G/L 17	2/18/2011 11.11	21 1	22 3	3 1	53 5	-17	-16	63	64	Dec Flow Vacuum, Slightly Closed less than 1/4 turn
G/L 18	2/18/2011 11 59	30 2	25 9	14	42 5	-42	-44	62	62	No Change made in Valve Position
G/L 19	2/18/2011 11 54	58 7	146	5 2	21 5	-73	-6 3	66	67	Dec Flow Vacuum, Slightly Closed less than 1/4 turn
G/L 20	2/18/2011 11 23	59 8	25 6	2	126	-33 1	-32 9	65	65	No Change made in Valve Position Fully Open, Fully Opened, No Change
G/L 21	2/18/2011 11 29	195	10 4	11	59 1	-3	-2 2	66	65	Dec Flow Vacuum, Slightly Closed less than 1/4 turn
G/L 22	2/18/2011 11 47	46	19	02	34 8	-16 8	-16 8	68	68	No Change made in Valve Position
G/L 23	2/18/2011 12 24	67.5	32	03	0 2	-34 1	-34 2	66	66	inc Flow Vacuum Slightly Opened less than 1/4 turn
G/L 24	2/18/2011 12 58	149	78	15	62 3	-12 4	-12 5	66	67	Fully Closed, No Change made in Valve Position, Fully Closed, No Change
G/L 25	2/18/2011 13 06	11 3	9 2	16 1	63 4	1	0.8	65	65	No Change made in Valve Position
G/L 26	2/18/2011 12 17	55 3	27 2	33	14 2	-16 4	-16 6	67	67	No Change made in Valve Position
POWLBLIN	2/18/2011 14 05	30 3	26 8	11	418	-35 4	-35 4	50	50	
POWLBLOT	2/18/2011 14 08	29 1	25 9	14	436	32	41	78	80	<u> </u>

Comments No Additional Comment

Wellfleid Monitoring Data



									Darometic Fress	29 90 RQ	
iD	Date/Time	CH4	CO2	02	Balance	Initial Static Press.	Adj. Static Press.	initial Temp. (Deg F)	Adj. Temp. (Deg F)	Comments	
POWLBLIN	3/24/2011 11 31	45 2	26 9	19	26	3.6	37	53	55		
POWLBLOT	3/24/2011 11:34	47.7	28.2	1	23 1	-34 8	-34 6	46	46	Dec Flow Vacuum ,Slightly Closed	
G/L 01	3/24/2011 13 29	31 4	16.1	7.5	45	-53	-51	38	37	less than 1/4 turn	
G/L 02	3/24/2011 13.32	55 8	30 8	0.2	13 2	-25 4	-25 5	64	64	No Change made in Valve Position	
G/L 03	3/24/2011 15 04	58	54	17 4	71.4	-9	-89	40	39	Barely Open No Change made in Valve Position	
G/L 04	3/24/2011 15 10	27	37	17 1	76 5	-68	-69	39	38	No Change made in Valve Position	
G/L 05	3/24/2011 15 13	54 3	32 8	0 2	12 7	-20 8	-20 8	63	63	No Change made in Valve Position	
G/L 06	3/24/2011 15 20	57 8	32 1	0	10 1	-11 4	-12	48	48	Inc Flow Vacuum Slightly Opened less than 1/4 turn	
G/L 07	3/24/2011 15.26	47	30 3	11	216	-102	-99	40	40	No Change made in Valve Position	
G/L 08	3/24/2011 15 30	27 6	24 2	26	45 6	-22	-2 1	40	39	No Change made in Valve Position	
G/L 09	3/24/2011 14 50	0	02	20 2	79.6	-1 4	-1 4	41	40	Barely Open No Change made in Valve Position	
G/L 10	3/24/2011 13 45	0	02	20 3	79 5	-1 1	-1 3	40	39	Barely Open No Change made in Valve Position	
G/L 11	3/24/2011 13 07	49 7	30 4	02	19 7	-57	-57	38	39	Barely Open No Change made in Valve Position	
G/L 12	3/24/2011 13 03	0	01	20 7	79 2	-04	0	35	35	Barely Open No Change made in Valve Position	
G/L 13	3/24/2011 12 19	47.9	28	13	22 8	-78	-78	41	39	Barely Open No Change made in Valve Position	
G/L 14	3/24/2011 12 25	5 1	3 4	17 9	73 6	-16	-16	42	40	Barety Open No Change made in Valve Position	
G/L 15	3/24/2011 12 32	43 3	24 6	13	30 8	-38	-3.2	56	53	Barely Open Dec Flow Vacuum Slightly Closed less than 1/4 turn	
G/L 16	3/24/2011 12 38	18.8	18.2	0	63	-04	-04	78	78	Barety Open No Change made in Valve Position	
G/L 17	3/24/2011 12 44	48 4	26 9	28	219	-15	-1.5	39	38	Barely Open ,No Change made in Valve Position	
G/L 18	3/24/2011 13 25	53 4	29 6	13	15.7	-59	-5.1	51	50	Barely Open Dec Flow Vacuum Slightly Closed less than 1/4 turn	
G/L 19	3/24/2011 13 19	71.4	13 7	33	116	-23 1	-23.2	42	41	No Change made in Valve Position	
G/L 20	3/24/2011 12 15	63	25 2	1.9	9.9	-33.8	-32 8	40	40	No Change made in Valve Position	
G/L 21	3/24/2011 12 57	38	17	194	75 1	-2 4	-24	40	38	Barely Open ,No Change made in Valve Position	
G/L 22	3/24/2011 13 13	48 2	17.5	34	30.9	-18	-15 5	36	36	Barely Open Dec Flow Vacuum Slightly Closed less than 1/4 turn	
G/L 23	3/24/2011 13 41	68.2	31 5	0.1	02	-34 6	-35	45	45	Inc Flow Vacuum .Slightly Opened less than 1/4 turn	
G/L 24	3/24/2011 14 54	29 8	14.1	116	44 5	-127	-12 7	41	39	No Change made in Valve Position	
G/L 25	3/24/2011 14 58	34 6	236	7.6	34 2	-16 2	-15 4	40	40	Dec Flow Vacuum ,Slightly Closed less than 1/4 turn	
G/L 26	3/24/2011 13 36	61.2	28.2	27	79	-22 9	-23	41	41	No Change made in Valve Position	
POWLBLIN	3/24/2011 15 48	48 3	28 7	1	22	-35 7	-35 8	47	47		
POWLBLOT	3/24/2011 15 50	45 5	27 1	1.9	25 5	4.4	4.1	58	61	<u> </u>	

Comments

Wellfield Monitoring Data



ID	Date/Time	CH4	CO2	O2	Balance	Initial Static Press.	Adj. Static Press.	Initial Temp. (Deg F)	Adj. Temp. (Deg F)	Comments
POWLBLIN	4/21/2011 13.59	248	22	23	50 9	-21 7	-219	57	57	
POWLBLOT	4/21/2011 14 02	23 8	21 5	28	519	5 1	48	81	85	
G/L 01	4/21/2011 15 14	12	1 3	19.3	78.2	-0 4	-04	65	65	No Change made in Valve Position Barely Open
G/L 02	4/21/2011 15 17	37 2	27 8	0	35	-199	-198	67	67	No Change made in Valve Position
G/L 03	4/21/2011 15 46	07	0.9	19 7	78 7	-15	-14	68	68	Barely Open .No Change made in Valve Position
G/L 04	4/21/2011 15 52	56	15 8	5 4	73 2	-3 1	-33	68	64	Barely Open ,Surging ,No Change made in Valve Position
G/L 05	4/21/2011 15 55	36.5	30 6	0	32 9	-138	-138	71	71	No Change made in Valve Position
G/L 06	4/21/2011 15 59	24 2	27 3	0	48 5	-69	-68	62	62	No Change made in Valve Position
G/L 07	4/21/2011 16 02	10	10.6	10	69 4	-59	-6	68	68	No Change made in Valve Position
G/L 08	4/21/2011 16 05	1	24	176	79	-12	-11	69	69	Barely Open No Change made in Valve Position
G/L 09	4/21/2011 15 34	0	0	20 3	79 7	-0 1	-0 1	70	70	Barely Open ,No Change made in Valve Position
G/L 10	4/21/2011 15 30	0	0 1	20 5	79 4	-01	-0 1	69	70	Barely Open No Change made in Valve Position
G/L 11	4/21/2011 14 58	32 3	28 5	0	39 2	-38	-38	69	68	No Change made in Valve Position
G/L 12	4/21/2011 14 52	04	19	18 5	79 2	-0 1	-01	70	70	Barely Open .No Change made in Valve Position
G/L 13	4/21/2011 14 13	36 8	27 8	04	35	-56	-5 5	71	65	No Change made in Valve Position
G/L 14	4/21/2011 14 26	5 3	3 9	17	73 8	-15	-16	66	66	No Change made in Valve Position
G/L 15	4/21/2011 14 31	53 4	26 2	01	20 3	03	-0.8	62	61	Inc Flow Vacuum ,Slightly Opened tess than 1/4 turn
G/L 16	4/21/2011 14 34	11	193	07	69	-13	-12	78	78	No Change made in Valve Position
G/L 17	4/21/2011 14 37	24 6	22 8	13	51 3	-0 5	-0.5	67	67	No Change made in Valve Position
G/L 18	4/21/2011 15 11	21 9	25 6	0	52 5	-89	-88	65	65	No Change made in Valve Position
G/L 19	4/21/2011 15 07	64 8	15 6	44	15 2	-13 6	-13 6	65	65	No Change made in Valve Position
G/L 20	4/21/2011 14 41	67.6	25 1	17	56	-25 6	-25 7	68	68	Fully Open No Change made in Valve Position
G/L 21	4/21/2011 14 48	2 7	1 4	188	77 1	-14	-118	66	67	Barely Open ,Dec Flow Vacuum ,Surging ,Slightly Closed less than 1/4 turn.
G/L 22	4/21/2011 15 04	48 7	19 7	02	31 4	-8 1	-98	57	57	Inc Flow Vacuum .Surging ,Slightly Opened less than 1/4 turn
G/L 23	4/21/2011 15 24	46 2	23 1	1 5	29 2	-28 9	-29	64	64	No Change made in Valve Position
G/L 24	4/21/2011 15 38	38 7	18	8	35 3	-6 1	-6 1	67	67	Barely Open No Change made in Valve Position
G/L 25	4/21/2011 15 42	176	148	128	54 8	-13 4	-12 7	63	67	Dec Flow Vacuum .Slightly Closed less than 1/4 turn
G/L 26	4/21/2011 15 21	41 2	22 7	33	32 8	-12 7	-10 9	63	64	Dec Flow Vacuum .Slightly Closed less than 1/4 turn
POWLBLIN	4/21/2011 16 44	26	22 9	2	49 1	-28 1	-28 5	56	56	<u> </u>
POWLBLOT	4/21/2011 16 47	263	22 7	24	48 6	46	4.7	78	82	1

Comments



Technician	Gerald Cuffe	
Date	5/20/2011	
Client.	R Jones, WMI	
Site:	Powell Rd	
Temperature	63'F	Ξ
Barometric Press	30 06"Hg	

ID	Date/Time	CH4	CO2	02	Balance	Initial Static Press.	Adj. Static Press.	Initial Temp. (Deg F)	Adj. Temp. (Deg F)	Comments
POWLBLIN	5/20/2011 10 51	28 1	24	12	46.7	-30 €	-30 7	63	63	
POWLBLOT	5/20/2011 10 54	27.2	23.2	1.8	478	3.8	39	96	97	Barely Open No Change made in
G/L 01	5/20/2011 12.47	1	11	19.5	78.4	-23	-25	87	87	Valve Position
G/L 02	5/20/2011 12 50	45	27 7	1 3	26	-19.5	-17 1	73	73	Dec Flow Vacuum ,Slightly Closed less than 1/4 turn
G/L 03	5/20/2011 13.20	16	14	19 4	77 6	-32	-3 3	87	87	Barely Open ,No Change made in Valve Position
G/L 04	5/20/2011 13 23	23	218	1	54.4	-6.5	-6-6	77	77	Barely Open ,No Change made in Valve Position
G/L 05	5/20/2011 13:28	27	19 1	10 2	43 7	-13	-14	89	89	Barely Open ,No Change made in Vetve Postion
G/L 06	5/20/2011 13.33	58 7	33 9	0	7.4	-67	-8.6	68	67	inc Flow Vacuum ,Surging ,Slightly Opened less than 1/4 turn
G/L 07	5/20/2011 13 36	27 6	27 1	12	44 1	-5 3	-5.4	88	88	Barely Open ,No Change made in Valve Postion ,Surging
G/L 08	5/20/2011 13:40	04	15	18 9	79 2	-15	-1.5	89	89	Barely Open ,Surging ,No Change made in Valve Position
G/L 09	5/20/2011 13:09	0	02	20 2	79 6	-0 6	-0 7	88	88	Barely Open .No Change made in Valve Postion
G/L 10	5/20/2011 13:08	0	0.5	20 1	79 4	-13	-14	85	85	Barely Open ,No Change made in Valve Position
G/L 11	5/20/2011 12 30	25	23.2	2.2	49.6	-11 1	-10 9	81	81	Barely Open Dec Flow Vacuum Surging ,Slightly Closed less than 1/4 turn
G/L 12	5/20/2011 12 26	233	13 8	9.3	53.6	-02	-0.2	83	83	Barely Open No Change made in Valve Position
G/L 13	5/20/2011 12 01	58 4	31	0.4	12 2	-03	-08	82	78	Inc Flow Vacuum ,Surging ,Slightly Opened less than 1/4 turn
G/L 14	5/20/2011 12 04	61	3.6	16	743	-14	-14	86	86	Barely Open ,No Change made in Valve Position
G/L 15	5/20/2011 12 09	534	28 1	02	18 3	-28	-2.9	68	68	No Change made in Valve Postori Barely Open
G/L 16	5/20/2011 12 12	82	15.8	16	74.4	-07	-0.6	77	77	Barely Open ,No Change made in Valve Position
G/L 17	5/20/2011 12:15	20 1	14 7	27	62 5	-12	-12	85	85	Barely Open ,No Change made in Valve Position
G/L 18	5/20/2011 12:43	27.8	26 5	0	45 7	-97	-64	72	74	Barety Open ,Dec Flow Vacuum ,Slightly Closed less than 1/4 turn
G/L 19	5/20/2011 12 39	52 4	12 9	62	28 5	-9	-9.2	82	82	No Change made in Valve Position
G/L 20	5/20/2011 12 19	667	24.6	1	77	-28.3	-28 4	83	83	Fully Open .No Change made in Valve Position
G/L 21	5/20/2011 12 22	295	15 5	6.4	48.6	-8 2	-7 5	82	82	Barely Open Dec Flow Vacuum Slightly Closed less than 1/4 turn
G/L 22	5/20/2011 12 35	48 6	18 4	1	32	-87	-87	78	79	Barety Open ,No Change made in Valve Position
G/L 23	5/20/2011 13 02	51	22 5	2.4	24 1	-29 9	-30.6	76	76	Surging .No Change made in Valve Position
G/L 24	5/20/2011 13 13	279	117	117	48.7	-7	-7 1	88	88	Barely Open ,No Change made in Valve Position
G/L 25	5/20/2011 13.16	32.1	22 8	8.4	36 7	-08	-0.8	83	83	Barely Open ,No Change made in Valve Position
G/L 26	5/20/2011 12 57	475	23.8	4	24.7	-11 8	-9.2	84	84	Barely Open ,No Change made in Valve Position
POWLBLIN POWLBLOT	5/20/2011 13 59 5/20/2011 14 01	34.6	24 7	17	38 6	-29.8 3.5	-29 B	107	107	

Comments

Wellfield Monitoring Data



						initial	Adj. Static	initial Temp.	Adi Tomo (Don 5)	Sermonts.
iD.	Date/Time	CH4	CO2	O2	Balance	Static Press.	Press.	(Deg F)	Adj. Temp. (Deg F)	Comments
POWLBLIN	6/3/2011 10 17	28 2	25 7	1	45 1	-26 8	-26 9	59	59	
POWLBLOT	6/3/2011 10 21 6/3/2011 13 01	27 2 5 3	25 4 3 2	186	729	-22	4.9 -2.2	93 87	93 87	Berely Open ,No Change made in
G/L 01						·	 		75	Inc Flow Vacuum ,Slightly Opened
G/L 02	6/3/2011 13 08	57	30 8	01	12 1	-146	-16.5	75	 	less than 1/4 turn Barely Open No Change made in
G/L 03	6/3/2011 15 17	0	0.9	20 2	78 9	-61	-6 1	89	91	Valve Position
G/L 04	6/3/2011 15 23	116	24 7	17	62	-88	-83	83	84	Barely Open Dec Flow Vacuum Slightly Closed less than 1/4 turn
G/L 05	6/3/2011 15 29	43 5	40	0	16 5	-22 6	-20 9	79	80	Dec Flow Vacuum ,Slightly Closed less than 1/4 turn
G/L 06	6/3/2011 15 34	21 3	33 3	0	45.4	-19 2	-16 9	68	70	Dec Flow Vacuum Slightly Closed less than 1/4 turn
G/L 07	6/3/2011 15 39	6	91	14 2	70 7	.95	-96	92	93	Barely Open .No Change made in Valve Position
G/L 08	6/3/2011 15 44	01	12	19	79.7	-21	-19	91	91	Barely Open ,No Change made in Valve Position
G/L 09	6/3/2011 14 54	0	0.2	20 5	79 3	-09	-09	92	92	Barely Open No Change made in
G/L 10	6/3/2011 13 34	0	02	20 9	78 9	-18	-18	87	87	Valve Position Barely Open ,No Change made in
G/L 11	6/3/2011 12 21	23	23 8	1 7	51 5	-10 5	-10 4	83	84	Valve Position Barely Open No Change made in
		0	03	20 9	78.8	-0.4	-05	85	85	Valve Position Barely Open No Change made in
G/L 12	6/3/2011 12 13				+		 	 	65	Valve Position Inc Flow Vacuum Slightly Opened
G/L 13	6/3/2011 11 13	50 5	31 2	01	18 2	-2 4	-85	67	ļ	less than 1/4 turn Barely Open. No Change made in
G/L 14	6/3/2011 11 22	51	5	16 4	73.5	-12	-1.2	78	78	Valve Position Barely Open Dec Flow Vacuum
G/L 15	6/3/2011 11 32	38 6	27	0	34 4	-29	-2 1	65	69	Slightly Closed less than 1/4 turn
G/L 16	6/3/2011 11 37	1	16 2	26	80 2	-0 5	-0 5	76	76	Barely Open ,No Change made in Valve Position
G/L 17	6/3/2011 11 49	22 4	21 7	2 3	53 6	-09	-09	80	80	Barely Open No Change made in Valve Position
G/L 18	6/3/2011 12 56	29 7	27 1	0	43 2	-36	-26	78	80	Barely Open ,Dec Flow Vacuum ,Slightly Closed less than 1/4 turn
G/L 19	6/3/2011 12 50	62 1	144	53	18 2	-79	-88	82	82	Inc Flow Vacuum ,Surging ,Slightly Opened less than 1/4 turn
G/L 20	6/3/2011 11 55	64 1	26 6	12	81	-23 6	-23 6	77	77	Fully Open No Change made in Valve Position
G/L 21	6/3/2011 12 03	16 1	15 3	63	62 3	-8	-5 1	78	79	Barely Open Dec Flow Vacuum Slightly Closed less than 1/4 turn
G/L 22	6/3/2011 12 30	49 7	198	07	29 8	-8 1	-9	78	77	Inc Flow Vacuum .Slightly Opened less than 1/4 turn
G/L 23	6/3/2011 13 24	62 2	26	2 4	94	-24.8	-24 9	81	81	Fully Open ,Inc Flow Vacuum ,Slightly Opened less than 1/4 lum
G/L 24	6/3/2011 15 01	27 1	14 4	10 9	476	-10 1	-10 6	89	91	Barely Open ,Surging ,No Change made in Valve Position
G/L 25	6/3/2011 15 11	45 1	22 4	62	26 3	-197	-17 7	87	89	Dec Flow Vacuum ,Slightly Closed less than 1/4 turn
G/L 26	6/3/2011 13 15	49 7	21 3	6.5	22 5	-8	-74	86	86	Dec Flow Vacuum ,Slightly Closed less than 1/4 turn
POWLBLIN	6/3/2011 16 00	31 7	30 8	11	36.4	-27 3	-27 2	65	65	
POWLBLOT	6/3/2011 16 02	30 6	30 3	16	37 5	4 1	41	110	110	_ L

Comments



Wellfield Monitoring Data (Fluid Levels)

Technician:	Gerald Cuffe	
Date:	1/13/2011	
Client:	R. Jones, WMI	
Site:	Powell Rd.	
Temperature:	22°F	
Barometric Pressure:	30.47"Hg	

ID	Date	Depth to Fluid	Depth to Bottom	Fluid in Well	Cycle Counter	Comments
L1	1/13/2011	N/A	48.60	N/A	N/A	None
L2	1/13/2011	N/A	47.50	N/A	N/A	None
L3	1/13/2011	N/A	29.10	N/A	N/A	None
G/L 01	1/13/2011	N/A	41.90	N/A	23,257	None
G/L 02	1/13/2011	N/A	43.55	N/A	950,829	None
G/L 03	1/13/2011	N/A	46.35	N/A	42,397	None
G/L 04	1/13/2011	N/A	36.60	N/A	4,083	None
G/L 05	1/13/2011	N/A	40.80	N/A	N/A	None
G/L 06	1/13/2011	N/A	39.95	N/A	N/A	None
G/L 07	1/13/2011	N/A	39.90	N/A	226,721	None
G/L 08	1/13/2011	N/A	40.95	N/A	285,126	None
G/L 09	1/13/2011	N/A	41.15	N/A	899,667	None
G/L 10	1/13/2011	N/A	43.70	N/A	372,339	None
G/L 11	1/13/2011	N/A	44.75	N/A	686,871	None
G/L 12	1/13/2011	N/A	47.40	N/A	2,535	None
G/L 13	1/13/2011	N/A	47.60	N/A	444,798	None
G/L 14	1/13/2011	N/A	36.20	N/A	173,525	None
G/L 15	1/13/2011	N/A	40.25	N/A	N/A	None
G/L 16	1/13/2011	N/A	37.40	N/A	N/A	None
G/L 17	1/13/2011	N/A	37.80	N/A	90,179	Air turned on by tech
G/L 18	1/13/2011	N/A	39.20	N/A	742,642	None
G/L 19	1/13/2011	N/A	55.50	N/A	585,063	Air turned on by tech
G/L 20	1/13/2011	N/A	41.90	N/A	526,828	None
G/L 21	1/13/2011	N/A	54.40	N/A	323,539	None
G/L 22	1/13/2011	N/A	53.95	N/A	15,764	None
G/L 23	1/13/2011	N/A	52.60	N/A	341,880	None
G/L 24	1/13/2011	N/A	50.90	N/A	593,837	None
G/L 25	1/13/2011	N/A	52.75	N/A	313,143	None
G/L 26	1/13/2011	N/A	60.85	N/A	499,621	None

Comments:

Please see maintenance summary report for additional details.

Sounding Schedule:

January	None	July	None
February	Wells with Pumps	August	Wells with Pumps
March	Wells without Pumps	September	Wells without Pumps
April	Wells with Pumps	October	Wells with Pumps
May	None	November	None
June	All Wells	December	All Wells

Precipitation Data:

Date	Inches	River Level	Date	Inches	River Level
Jan.	0.63	Below Banks	July	1	
Feb.			Aug		
March			Sept		
April			Oct		
May			Nov		
June			Dec		

River Level Gauge
Below Banks
At Banks
Above Banks
At Perimeter Fence
Above Perimeter Fence

Wellfield Fluid & Pump Cycle Data (Fluid Levels)



Technician Date Client Gerald Cuffe 2/18/2011 R Jones, WMI Site
Temperature
Barometric Pressure

Powell Rd Landfill 51'r 30,05'Hg

		-										
		ſ	Previous Mo	onth's Data	Januar	y 2011	Current M	onth's Data	Februa	ry 2011	Difference in	į
	Depth to	Pump in		Depth to		Cycle		Depth to	54	Cycle	Cycle Counter	Comments
Well ID	Bottom	Well	Date	F)uid	Fluid in Well	Counter	Dete	Fluid	Fluid in Weli	Counter	Values	
1-1	48 60	No	1/13/2011	NA	N/A	NA	2/18/2011	NA	N/A	NA	NA	
12	47.50	No	1/13/2011	NA	NA	NVA	2/18/2011	N/A	N/A	N/A	N/A	
L3	29 10	No	1/13/2011	NA	N/A	N/A	2/18/2011	N/A	NA	N/A	_ N/A	
G/L 01	41 90	Yes	1/13/2011	N/A	N/A	23,257	2/18/2011	41 10	0.80	24,220	963	
			1/13/2011	NA	N/A	950,829	2/18/2011	42 20	1.35	960,949	10,120	See additional comment
G/L 02	43.55	Yes			NVA		2010/2011	42 20		500,545	l	below
G/L 03	46 35	Yes	1/13/2011	NA	N/A	42,397	2/18/2011	45.20	1 15	42,631	234	
									1	1) i	AEGL is scheduled to
G/L D4	36 60	Yes	1/13/2011	N/A	N/A	4,083	2/18/2011	34.60	2.00	4,085	2	service this pump and
L		ll							L		L	venfy tubing length
G/L 05	40.80	No	1/13/2011	N/A	N/A	N/A	2/18/2011	N/A	N/A	N/A	N/A	
G/L 06	39 95	No	1/13/2011	N/A	N/A	N/A	2/18/2011	N/A	N/A	N/A	N/A	
G/L 07	39 90	Yes	1/13/2011	N/A	N/A	226,721	2/18/2011	38.50	1.40	228,561	1,840	
l l											\	AEGL is scheduled to
G/L D8	40.95	Yes	1/13/2011	NA	NVA	285,126	2/18/2011	38 40	2 55	285,133	7	service this pump and
	<u> </u>	L			 _						ļ	verify tubing length
1				i		200 582			1 245	000 504		AEGL is scheduled to
G/L 09	41 15	Yes	1/13/2011	NA	NVA	899,567	2/18/2011	37 70	3 45	900,594	927	service this pump and
<u> </u>		 	4420011		+ 	270 220	2/10/00/	40.50	+	270.050	 	verify tubing length
G/L 10	43 70	Yes	1/13/2011	N/A	N/A	372.339	2/18/2011	42.50	1.20	372,353	14	AEC) in refer to the
			44370011		1	COC 074	2/40000	40.70	2.05	800 870	7	AEGL is scheduled to
G/L 11	44 75	Yes	1/13/2011	N/A	N/A	686,871	2/18/2011	42 70	2.05	686,878	1 '	service this pump and
· · ·		ļ	L	 			 			 	 	verify tubing length Measured depth to bottom
	ļ		ļ	Į	i	[1	ì		1		is 0.3 ft shallower than the
G/L 12	47 40	Vac	1/13/2011	N/A	N/A	2,535	2/18/2011	45 90	1.50	2 538	3	
G/L 12	47 40	Yes	171372011	180	I NA	2,555	210/2011	45 30	130	2 336	1 "	template depth to bottom
1		1		Į	1	İ	1	i	1		ì	value. Pump working
—	}	 • •		 	 	 			 	 	 	property AEGL is scheduled to
G/L 13	47 60	Yes	1/13/2011	N/A	N/A	444,798	2/18/2011	45 80	1 80	445,099	301	service this pump and
G/L /3	47 00	163		1	1	111,750	2.020	1 -5 50	1	440,033] ""	venty tubing length
—	ł ·	 		 			 				 	AEGL is scheduled to
G/L 14	36 20	Yes	1/13/2011) N/A	N/A	173,525	2/18/2011	33 60	2 60	173,526	1	service this pump and
J	1 50 20	1			1				1		1	venfy tubing length
G/L 15	40 25	No	1/13/2011	N/A	N/A	N/A	2/18/2011	N/A	N/A	N/A	N/A	1
G/L 16	37 40	No	1/13/2011	N/A	N/A	N/A	2/18/2011	N/A	N/A	N/A	N/A	
		1		Ţ			T			1	T	AEGL is scheduled to
G/L 17	37 80	Yes	1/13/2011	N/A	N/A	90,179	2/18/2011	35 90	190	90,179	0	service this pump and
L	l	l	L				L		<u> </u>		L	venfy tubing length
							Į.	ļ.	[{	1	AEGL is scheduled to
G/L 18	39 20	Yes	1/13/2011	N/A	N/A	742,642	2/18/2011	36 30	2.90	742,642	. 0	service this pump and
		1	L	L		L		L		L	L	verify tubing length
G/L 19	55 50	Yes	1/13/2011	NA	N/A.	585,063	2/18/2011	54 30	1.20	647,194	62,131	See additional comment
L		1			 -		+	ļ	+	+	1	below
G/L 20	41 90	Yes	1/13/2011	N/A	N/A	526,828	2/18/2011	40.90	1 00	551,378	24,550	See additional comment
				 	+				 	 	 	below
G/L 21	54 40	Yes	1/13/2011	N/A	N/A	323,539	2/18/2011	53.50	0 90	357.831	34,292	See additional comment
·	<u> </u>	+	 	 	 		+		+	 	 	AFCL is spherical to
Ga 22	62.0F	Yes	1/13/2011	N/A	N/A	15,764	2/18/2011	50.50	3.45	16,670	906	AEGL is scheduled to
G/L 22	53 95	1 63	171372011	, , ,	100	13,104	2102011	30.30	J. 45	10,070	***	service this pump and
— —	 	· · · ·	 	 	+	 	 	 	 	 	+	venfy tubing length AEGL is scheduled to
G/L 23	52 60	Yes	1/13/2011	N/A	N/A	341,880	2/18/2011	32 80	1980	341,982	102	service this pump and
1 3/123	1 32 00	1 .03	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1	1 100	1 341,000] =	32.00	1 .5	541,552	'**	verify tubing length
	 	†		·	 	 	†	 	+	 	 	
			1	l .			1	i	1	1	l	Pump is working, just
G/L 24	50 90	Yes	1/13/2011	N/A	N/A	593,837	2/18/2011	49 10	1.80	623,913	30,076	can't keep up. See
1		į	1	l	l		Į.	l	ł	l	l	additional comment below
}	 	+	1	1	†		1	 	·	†		See additional comment
G/L 25	52 75	Yes	1/13/2011	N/A	N/A	313,143	2/18/2011	515	1 25	337,901	24,758	below
	 	†	1	1	 		1	†	· · · · · · · · · · · · · · · · · · ·	1	†	AEGL is scheduled to
1	1	1	1	1	1	1	1	1		1		service this pump and
G/L 26	60 85	Yes	1/13/2011	N/A	N/A	499,621	2/18/2011	55 6	5 25	555,661	56,040	verify tubing length, also
1	1	1	1	1	1	1	1	1	1	1	1	see additional comment
1	1		1	1_	1	_	1	1	1	l	1	below
												

Additional Comments: Wells G/L 02: 19-20. 21, 24, 25, and 26. Cycle counter difference value appears to be legitimate based on river level and pump operations.

Sounding	Schedule:			Precipitation Data:							
January	None	July	None	Date	Inches	River Level	Date	Inches	River Level	River Level Gauge	
February	Wells with Pumps	August	Wells with Pumps	Jan.	0.63	Below Banks	July			Below Banks	
March	Wells without Pumps	September	Wells without Pumps	Feb.	5 07	Above Banks	Aug			At Banks	
April	Wells with Pumps	October	Wells with Pumps	March			Sept			Above Banks	
May	None	November	None	April			Oct			Al Penmeter Fence	
June	All Wells	December	All Wells	May			Nov			Above Perimeter Fence	
				June			Dec				

Welffield Fluid & Pump Cycle Data (Fluid Levels)



 Technician
 Gerald Cuffe
 Site
 Powell Rd. Landfill

 Date
 3/24/2011
 Temperature:
 36° F

 Client
 R. Jones, WMI
 Barometric Pressure:
 29.90°Hg

		ſ	Previous Mo	onth's Date	Februar	y 2011	Current M	onth's Date	March 2011		Difference in	
Well ID	Depth to Bottom	Pump in Well	Date	Depth to Fluid	Fluid in Well	Cycle Counter	Date	Depth to Fluid	Fluid in Well	Cycle Counter	Cycle Counter Values	Comments
[1]	48 60	No	2/18/2011	N/A	N/A	N/A	3/24/2011	46.30	2 30	N/A	N/A	No pump installed
12	47.50	No	2/18/2011	N/A	N/A	N/A	3/24/2011	46 70	0.80	N/A	N/A	No pump installed
L3	29 10	No	2/18/2011	N/A	N/A	N/A	3/24/2011	28 60	0 50	N/A	N/A	No pump installed
G/L 01	41 90	Yes	2/18/2011	41.10	0.80	24,220	N/A	N/A	N/A	60,613	36,393	
1		ŀ										Cycle counter turned over
G/L 02	43,55	Yes	2/18/2011	42 20	1 35	960,949	N/A	N/A	N/A	175,355	214,406	1 Million Cycles, reset
1	10.00]			1	, .	l				, ,	back to Zero and
		<u> </u>	0/40/0044	- 15.00	 	40.004			N/4	40.076	104	Continued Cycling
G/L 03	46 35	Yes	2/18/2011	45 20	1 15	42,631	N/A	N/A	N/A	43,875	1,244	Needs new regulator.
G/L D4	36 60	Yes	2/18/2011	34.60	200	4,085	N/A	N/A	N/A	4,089	4	
GALUA	30.00	1 400	2/10/2011	34.00	200	4,065	'\^	NA	1 17/2	4,000	i •	New cycle counter to be ordered and installed
G/L 05	40.80	No	2/18/2011	N/A	N/A	N/A	3/24/2011	39 80	1 00	N/A	N/A	ordered and installed
G/L 08	39 95	No	2/18/2011	N/A	N/A	N/A	3/24/2011	36 80	3 15	N/A	N/A	No pump installed
G/L 07	39 90	Yes	2/18/2011	38 50	1.40	228,561	N/A	N/A	N/A	238,044	9,483	140 point installed
G/L U/	33.50	 	Diazoni	- 30 34	1	220,00			† '''	200,011	3,700	 -
		ł .										Pump has been removed
G/L 08	40 95	Yes	2/18/2011	38 40	2 55	285,133	N/A	N/A	N/A	285,137] 4	for service and AEGL is
1 .		1 :					1				i	waiting for parts from QED
G/L 09	41 15	Yes	2/18/2011	37 70	3 45	900,594	N/A	N/A	N/A	900,691	97	
GA 10	43 70	Yes	2/18/2011	42 50	1 20	372,353	N/A	N/A	NIA	583,451	211,098	
									T		1	Cycle counter turned over
			2/18/2011	42 70	2 05	686,878	N/A	N/A		450 400	404 500	1 Million Cycles, reset
G/L 11	44.75	Yes	2/16/2011	4270	205	000,876	N/A	N/A	N/A	168,400	481,522	back to Zero and
1 _	l	<u>1</u>		<u> </u>			L	l	<u> </u>	l	1	Continued Cycling
G/L 12	47 40	Yes	2/18/2011	45 90	1 50	2,538	N/A	N/A	N/A	76,181	73,643	
G/L 13	47 60	Yes	2/18/2011	45 80	1.80	445,099	N/A	N/A	N/A	850,941	405,842	L
				Į.	1		Į.			i	ł .	Needs new cycle counter.
G/L 14	36 20	Yes	2/18/2011	33 60	2 60	173,526	N/A	N/A	N/A	173,526	0	New cycle counter to be
1	}	ſ		1			l	l	į	į		ordered and installed
					 		 		 			A
60.16	40 25	No	2/18/2011	N/A	N/A	N/A	3/24/2011	38 70	1 55	N/A	N/A	Actual DTB is 40 10 and
G/L 15	40.25	l NO	210/2011	N/A	I INA	IN/A	3/24/2011	36 / 0	1 55	[~~	N/A	Amt of fluid in well is under 18"
G/L 16	37 40	No	2/18/2011	N/A	N/A	N/A	3/24/2011	36 20	1.20	N/A	N/A	
G/L 10	37 =0	1 70	27072011	1000	 	1970	3/2-4/2011	30 20	1.20	180	10/0	
i i	ŀ	1			1			Ì	1	1	ŀ	Needs new cycle counter
G/L 17	37 80	Yes	2/18/2011	35 90	190	90,179	N/A	N/A	N/A	90,179	0	New cycle counter to be
1	į	l	l	Į.	1	}	1	ì	1	1	1	ordered and installed
	<u> </u>			† ———	 		·		1	†	 	1
1			0400044		2.00	740.040		l		7.7.0.0	1 .	Needs new cycle counter.
G/L 18	39 20	Yes	2/18/2011	36 30	2 90	742,642	N/A	N/A	N/A	742,642	0	New cycle counter to be
	Į.	l .	l	Į	į.	Į.	Į.	l	Į.	į		ordered and installed.
G/L 19	55 50	Yes	2/18/2011	54 30	1 20	647,194	N/A	N/A	N/A	671,732	24,538	
G/L 20	41 90	Yes	2/18/2011	40 90	1.00	551,378	N/A	N/A	N/A	567,230	15,852	
G/L 21	54 40	Yes	2/18/2011	53 50	0 90	357,831	N/A	N/A	N/A	445,623	87,792	
G/L 22	53 95	Yes	2/18/2011	50.50	3 45	16,670	N/A	N/A	N/A	87,900	71,230	
l "	[1	ţ	1	1	1	1		1		1	Needs new cycle counter
G/L 23	52 60	Yes	2/18/2011	32 80	19.80	341,982	N/A	N/A	N/A	341,982	0	New cycle counter to be
1 5.25	""	'		52.55	1	1	1	1	1	547,552	1	ordered and installed
L	L	 		 	 _		 	 _			 	30100 E170 110001100
G/L 24	50 90	Yes	2/18/2011	49 10	1.80	623,913	N/A	N/A	N/A	632,150	8,237	
G/L 25	52 75	Yes	2/18/2011	51.5	1 25	337,901	N/A	N/A	N/A	361,958	24,057	ļ.
G/L 26	60.85	Yes	2/18/2011	55 6	5 25	555,661	N/A	N/A	N/A	560,922	5,261	

Additional Comments

Sounding	Schedule:			Precipitation Data:								
January	None	July	None	Date	inches	River Level	Date	Inches	River Level	River Level Gauge		
February	Wells with Pumps	August	Wells with Pumps	Jan.	0 63	Below Banks	July			Below Banks		
March	Wells without Pumps	September	Wells without Pumps	Feb.	5.07	Above Banks	Aug			At Banks		
April_	Wells with Pumps	October	Wells with Pumps	March	3.60	At Banks	Sept			Above Banks		
May	None	November	None	April			Oct			At Penmeter Fence		
June	All Wells	December	All Wells	May			Nov		1	Above Perimeter Fence		
				June		1	Dec	1	 			

Welffield Fluid & Pump Cycle Data (Fluid Levels)



No Additional Comment

Technician Date Client Gerald Cuffe 4/21/2011 R Jones WMI Site Temperature Barometric Pressure Powell Rd_Landfill 36'r 29 90"Hg

		ľ	Previous Mo	onth's Date	March	2011	Current M	onth's Date	April	2011	Difference in	
Well ID	Depth to	Pump in	Date	Depth to	Fluid in Well	Cycle	Date	Depth to	Fluid in Well	Cycle	Cycle Counter Values	Comments
	Bottom	Well		Fluid	L	Counter		Fluid		Counter		
L1	48 60	No	3/24/2011	46.30	2 30	N/A	N/A	N/A	N/A	N/A	N/A	No pump installed
L2	47 50	No	3/24/2011	48 70	0.80	N/A	N/A	N/A	N/A	N/A	N/A	
L3	29 10	No	3/24/2011	28.60	0 50	N/A	N/A	N/A	N/A	N/A	N/A	
G/L 01	41 90	Yes	N/A	N/A	N/A	60,613	4/21/2011	41 90	0.00	64,183	3,550	
G/L 02	43 55	Yes	N/A	N/A	N/A	175,355	4/21/2011	32.90	10 65	209,559	34,204	Pump cannot keep up with recharge rate, river above banks
G/L 03	46 35	Yes	N/A	N/A	N/A	43.875	4/21/2011	45 00	1 35	45,219	1,344	Danks
G/L 04	38 60	Yes	N/A	N/A	N/A	4.089	4/21/2011	29 30	7 30	4,091	2	Regulator is bad and not allowing pump to cycle New regulator will be ordered with new pumps
L	·				Ì	L	L					and installed
G/L 05	40 80	No	3/24/2011	39.80	1 00	N/A	N/A	N/A	N/A	N/A	N/A	
G/L 06	39 95	No	3/24/2011	36 80	3 15	N/A	N/A	N/A	N/A	N/A	N/A	
G/L 07	39 90	Yes	NA	NA	NVA	238,044	4/21/2011	39.90	0.00	243,747	5.703	
G/L 08	40 95	Yes	N/A	N/A	N/A	285,137	4/21/2011	37.30	3 65	285,167	30	Pump has been removed for service and AEGL is waiting for parts from QEQ
G/L 09	41 15	Yes	N/A	N/A	N/A	900,691	4/21/2011	37.80	3 35	900,698	7	Pump is scheduled for Service
G/L 10	43 70	Yes	N/A	N/A	NVA	583,451	4/21/2011	38 70	5 00	590,225	6,774	River is above banks, but pump with be evaluated if services is needed.
G/L 11	44 75	Y 0.5	N/A	N/A	N/A	168,400	4/21/2011	39 60	5 15	169,420	1.020	Pump cannot keep up with recharge rate, river above banks
G/L 12	47 40	Yes	ΝA	N/A	N/A	76,181	4/21/2011	43 00	4 40	208,517	132,336	Pump cannot keep up with recharge rate, river above banks
G/L 13	47 60	Yes	N/A	N/A	N/A	850,941	4/21/2011	40 20	7 40	954,841	103,900	Pump cannot keep up with recharge rate, fiver above banks
G/L 14	36 20	Yes	N/A	N/A	N/A	173,526	4/21/2011	32 20	4 00	173 526	0	Pump cannot keep up with recharge rate, river above banks. Needs new cycle counter. New cycle counter will be ordered with new pumps and installed.
G/L 15	40 25	No	3/24/2011	38 70	1 55	N/A	N/A_	N/A	N/A	N/A	N/A	
G/L 16	37 40	No	3/24/2011	36 20	1 20	N/A	N/A	N/A	N/A	N/A	N/A	
G/L 17	37 80	Yes	N/A	N/A	N/A	90,179	4/21/2011	35 10	2 70	352	352	New Cycle Counter installed Pump cannot keep up with recharge rate, river above banks
G/L 18	39 20	Yes	N/A	N/A	N/A	742,642	4/21/2011	35 10	4 10	742,642	0	Pump Is Currently Removed for Service
G/L 19	55 50	Yes	NIA	NA	N/A	671,732	4/21/2011	54 30	1 20	726.654	54,922	
G/L 20	41 90	Yes	N/A	N/A	N/A	567,230	4/21/2011	40 60	1 30	581.877	14,647	
G/L 21	54 40	Yes	N/A	N/A	N/A	445.623	4/21/2011	53 30	1 10	454.507	8.884	
GJL 22	53 95	Yes	AUM	NVA	NA	87,900	4/21/2011	49 40	4 55	18 729	18 729	New Cycle Counter Installed Pump cannot keep up with recharge rate, nver above banks
G/L 23	52 80	Yes	N/A	N/A	N/A	341,982	4/21/2011	46 30	6 30	477,479	135,497	Pump cannot keep up with recharge rate, river above banks
G/L 24	50 90	Yes	N/A	N/A	N/A	632 150	4/21/2011	49 10	1.80	641,304	9,154	River is above banks, but pump will be evaluated if services is needed
G/L 25	52 75	Yes	N/A	NA	N/A	361,958	4/21/2011	52 75	0.00	372.239	10.281	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
G/L 28	60 85	Yes	N/A	N/A	N/A	560,922	4/21/2011	54 20	6 65	590,926	30,004	Pump cannol keep up with recharge rate, fiver above banks.

Sounding	ounding Schedule: Precipitation Data:											
January	None	July	None	Date	inches	River Level	Date	Inches	River Level	River Level Gauge		
February	Wells with Pumps	August	Wells with Pumps	Jan.	0.63	Below Banks	July			Below Banks		
March	Wells without Pumps	September	Wells without Pumps	Feb.	5 07	Above Banks	Aug			At Banks		
April	Wells with Pumps	October	Wells with Pumps	March	3 60	At Banks	Sept			Above Banks		
May	None	November	None	Арпі	10.48	At Penmeter Fence	Oct			At Penmeter Fence		
June	All Wells	December	All Wells	May			Nov			Above Penmeter Fence		
				June		1	Dec					

Welmeld Fluid & Pump Cycle Data (Fluid Levels)



Technician Gerald Cuffe
Date. 5/20/2011
Client R Jones, WMI

Site. Temperature. Barometoc Pressure: Powell Rd Landfill 63'r 30 06"Hg

C	Difference in		May 2		Current Mc	April 2011		nth's Date	Previous Month's Dat			
Comments	Cycle Counter Values	Cycle Counter	Fluid in Well	Depth to Fluid	Date	Cycle Counter	Fluid in Well	Depth to Fluid	Date	Pump in Well	Depth to Bottom	Well ID
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	No	48 60	11
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	No	47 50	12
	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	No	29 10	L3
	16,159	80.322	N/A	NA	5/20/2011	84,183	0.00	41 90	4/21/2011	Yes	41 90	G/L 01
	35,005	244,564	N/A	N/A	5/20/2011	209,559	10.65	32 90	4/21/2011	Yes	43 55	G/L 02
Needs new cycle counte New regulator will be ordered with new pump: and installed	0	45,219	NA	N/A	5/20/2011	45,219	1 35	45.00	4/21/2011	Yes	46 35	G/L 03
Regulator is bad and no allowing pump to cycle New regulator will be ordered with new pump and installed	0	4,091	N/A	N/A	5/20/2011	4,091	7 30	29.30	4/21/2011	Yes	36.60	G/L 04
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	No	40 80	G/L 05
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NA	No	39 95	G/L 08
	572	244,319	N/A	N/A	5/20/2011	243,747	0.00	39 90	4/21/2011	Yes	39.90	G/L 07
Pump has been remove for service and AEGL is waiting for parts from QED (QED sent wrong parts in first shipment)	0	285,187	N/A	N/A	5/20/2011	285,167	3 65	37.30	4/21/2011	Yes	40 95	G/L 08
	3	900.701	N/A	N/A	5/20/2011	900,698	3 35	37.80	4/21/2011	Yes	41 15	G/L 09
	15,838	606.063	N/A	N/A	5/20/2011	590,225	5.00	38 70	4/21/2011	Yes	43 70	G/L 10
Cycle counter was adjusted to restore prop operations	1	169,421	N/A	N/A	5/20/2011	169,420	5 15	39 60	4/21/2011	Yes	44 75	G/L 11
Cycle counter was adjusted to restore prop operations	1	208,518	NVA	NA	5/20/2011	208,517	4 40	43.00	4/21/2011	Yes	47 40	G/L 12
Pump removed for placement in the East Sump. Cycle counter erroneously turned over million cycles bic the cycle counter counted more than 1 cycle per pump stroke. Counte was adjusted to comed this issue.	-253,272	701,569	N/A	N/A	5/20/2011	954,841	7 40	40 20	4/21/2011	Yes	47 60	G/L 13
Needs new cycle count New cycle counter will I ordered with new pump and installed.	0	173,526	N/A	N/A	5/20/2011	173,526	4 00	32 20	4/21/2011	Yes	36.20	GAL 14
L	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	No	40 25	G/L 15
	N/A	N/A	N/A	N/A	N/A	N/A_	N/A	N/A	N/A	No	37 40	G/L 16
Cycle counter was adjusted to restore prop operations	8	360	N/A	N/A	5/20/2011	352	2 70	35 10	4/21/2011	Yes	37.80	G/L 17
Pump is Currently Removed for Service Replacement parts have been ordered	0	742,642	N/A	N/A	5/20/2011	742,642	4 10	35 10	4/21/2011	Yes	39.20	G/L 18
	42.183	768.837	N/A	N/A	5/20/2011	726.654	1 20	54 30	4/21/2011	Yes	55.50	G/L 19
	7,011	588.888	N/A	N/A	5/20/2011	581.877	1.30	40 60	4/21/2011	Yes	41 90	G/L 20
ļ	35,398	489,905	N/A	N/A	5/20/2011	454,507	1.10	53 30	4/21/2011	Yes	54.40	G/L 21
	1,578	20,307	NA	NA	5/20/2011	18,729	4 55	49 40	4/21/2011	Yes	53 95	G/L 22
	236,065	713,544	N/A	N/A	5/20/2011	477,479	6.30	46 30	4/21/2011	Yes	52.60	G/L 23
 	11,581	652,885	N/A	N/A	5/20/2011	641,304	180	49 10	4/21/2011	Yes	50 90	G/L 24
† 	23,627	395,868	NA	N/A	5/20/2011	372,239	0.00	52.75	4/21/2011	Yes	52 75	G/L 25
Pump is scheduled for service	0	590,926	N/A	N/A	5/20/2011	590,926	8.65	54 20	4/21/2011	Yes	60 85	G/L 26

ment

Sounding	Schedule:			Precipitation Data:							
January	None	July	None	Date	Inches	River Level	Date	Inches	River Level	River Level Gauge	
February	Wells with Pumps	August	Wells with Pumps	Jan.	0.63	Below Banks	July			Below Banks	
March	Wells without Pumps	September	Wells without Pumps	Feb	5 07	Above Banks	Aug			At Banks	
April	Wells with Pumps	October	Wells with Pumps	March	3 60	At Banks	Sept			Above Banks	
May	None	November	None	April	10.48	At Perimeter Fence	Oct			At Parimeter Fence	
June	All Wells	December	Al: Wells	May	3 20	At Banks	Nov	1	T	Above Penmeter Fence	
				June			Dec				

Welffield Fluid & Pump Cycle Data (Fluid Levels)



 Technician
 Gerald Cuffe
 Site
 Powel Rd Landfel

 Oate
 6/3/2011
 Temperature
 69 F

 Cleant
 R. Jones, WMI
 Barromatur Pressure
 29 96*Hg

29 96 Hg		R Jones, WMI Barometric Pressure										
	Difference in	2011	inth's Defe June 2011			April 2011 Current Mon		rith's Date	Previous Mo	ſ		
r Comments	Cycle Counter Values	Cycle	Fixed in Well	Depth to	Date	Cycle	Fluid in Well	Depth to	Date	Pump in	Depth to	Well ID
 		Counter N/A		Fluid	1	Counter		Fluid		Wed.	Bottom	
	N/A	N/A	250 090	46 10 46 60	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	No No	48 60 47 50	12
	NA	NVA	050	28 60	N/A	N/A	N/A	N/A	N/A	No	29 10	L3
1	2.306	82628	100	40 90	6/3/2011	80 322	000	41 90	4/21/2011	Yes	41 90	GAL 01
	10 435	254999	1 45	42 10	6/3/2011	244 564	10.65	32 90	4/21/2011	Yes	43 55	G/L 02
Needs new cycle counter New regulator has been ordered with new pumps	0	45219	0.45	45 90	6/3/2011	45 219	1.35	45 00	4/21/2011	Y==	46.35	G/L 03
and will be installed once delivered Requisitor to bed and not											· -	
allowing pump to cycle					{				. 1			
New regulator has been ordered with new pumps and will be installed once delivered.	0	4091	3.80	32 80	6/3/2011	4.091	7 30	29 30	4/21/2011	Yes	36 60	G/L 04
	N/A	N/A	090	39 90	6/3/2011	N/A	N/A	NA	N/A	No	40 80	G/L 05
Pump is scheduled for service	N/A	N/A	3 25	36 70	6/3/2011	N/A	N/A	N/A	N/A	No	39 95	GA. 06
Pump is scheduled for	109	244428	2 10	37 80	6/3/2011	244 319	0.00	39 90	4/21/2011	Yes	39 90	GAL 07
Pump has been removed					 							
for service. AEGL has repaired the pump in our Richfield office and will install during the ennual	o	285167	4 15	36 80	6/3/2011	285 167	365	37 30	4/21/2011	Yes	40 95	G/L 08
pump maintenance event in July												
Pump is scheduled for service	\ , ₋	900702	4 25	36.90	6/3/2011	900701	335	37 80	4/21/2011	1 1	41 15	GA 09
Pump serviced in the field but pump not able to be operational. Will be replaced in July	О	606063	1 10	42 60	6/3/2011	606 063	5 00	36 70	4/21/2011	Yas	43 70	G/L 10
Pump cannot keep up wit recharge rate. Pump will be pulled in July to ensur maximum pumping.	429 966	599377	4 65	40 10	6/3/2011	169 421	5 15	39 60	4/21/2011	Yes	44 75	GA. 11
Pump & scheduled for service	2	208520	3 70	43 70	6/3/2011	208 518	4 40	43 00	4/21/2011	Yes	47 40	GAL 12
Pump removed for placement in the East Sump	0	701569	5 20	42 40	6/3/2011	701 569	7 40	40 20	4/21/2011	Yes	47 60	G/L 13
Needs new cycle counter hew cycle counter has been ordered with new pumps and will be installe once delivered.	0	173526	3 40	32 80	6/3/2011	173 526	400	32 20	4/21/2011	Yes	36.20	G/L 14
No pump metalled in wel	N/A	N/A	195	38 30	6/3/2011	N/A	N/A	N/A	N/A	No	40 25	G/L 15
0	N/A	N/A	1 00	36.40	6/3/2011	NIA	NIA	NA	NIA	No	37 40	GA 16
Pump a scheduled for service Pump has been removed	3	363	3 10	34 70	6/3/2011	360	2 70	35 10	5/20/2011	Yes	37 80	G/L 17
for service. AEGL has repaired the pump in our Richfield office and will install during the annual pump maintainance even in July.	0	742642	300	36 20	6/3/2011	742642	410	35 10	5/20/2011	100	39 20	G/L 18
	18 564	787401	1.30	54 20	6/3/2011	<u>768_837</u> .	1 20	54 30	4/21/2011	Yee .	55 50	G/L 19
Pump cannot keep up will recharge rate. Pump is scheduled for service	6148	595036	2 20	39 70	6/3/2011	586 888	1 30	40 60	4/21/2011	Yes	41 90	GA. 20
	27 820	517725	1 00	53 40	6/3/2011	489 905	1 10	53 30	4/21/2011	Yes	54 40	G/L 21
Pump cannot keep up will recharge rate. Pump is scheduled for service	1 599	21906	2 96	51 00	6/3/2011	20 307	4 55	49 40	4/21/2011	Yes	5395	GAL 22
Pump cannot keep up will recharge rate. Pump a scheduled for service.	70 388	783932	930	43 30	6/3/2011	713 544	630	46 30	4/21/2011	Yes	52 60	GA 23
Pump cannot keep up wi recharge rate. Pump is scheduled for service.	7,157	660042	1 60	49 30	6/3/2011	652 885	1 80	49 10	4/21/2011	Yes	50 90	G/L 24
Pump cannot keep up w recharge rate. Pump is scheduled for service.	23 918	419784	3 06	49 7	6/3/2011	396 966	000	52 75	4/21/2011	Yes	52 75	GA 25
Pump is acheduled for	0	560926	6 65	54.2	6/3/2011	560 926	666	54 20	4/21/2011	Yes	60 85	GAL 26

Sounding	Schedule:			Precipitation (Deta					
January	None	July	None	Date	Inches	River Level	Desta	Inches	River Level	River Level Gauge
February	Walls with Pumps	August	Wells with Pumps	Jan.	0.63	Below Banks	July			Below Benius
March	Wells without Pumps	September	Wells without Pumps	Feb.	5 07	Above Benks	Aug			At Banks
April	Wells with Pumps	October	Wells with Pumps	March	360	At Banks	Sept	1		Above Banks
May	None	November	None	April	10 48	At Parymeter Fence	Oct			At Panmater Fence
June	All Wells	December	Al Web	May	3 20	Al Benks	Nov	†	1	Above Permeter Fence
				June	4 26	At Baraks	Dec	1		



Ph: (330) 659-5930 Fax: (330) 659-5931

Waste Management, Powell Rd Landfill Landfill Gas and Condensate Collection Systems Maintenance Summary Report

January-11

Date	System Repaired	Proactive/ Reactive	Diagnosis of Problem Causing Reactive Action	Corrective Action / Description of Maintenance Performed
01/13/11	West Sump	Reactive	Frozen Sump Required Thawing	AEGL technician noticed the west sump was frozen and not operating properly. Technician pulled discharge hose and found it to be frozen solid. Once the discharge hose was thawed, the technician reinstalled the discharge hose the same day onto west sump. Once discharge line was reinstalled, the pump was turned on, and the sump was operating properly.

Additional Comments:	No Additional Comments	



Ph. (330) 659-5930 Fax (330) 659-5931

Waste Management, Powell Road Landfill
Downtime Report January 1, 2011 Thru January 31, 2011

Flare Dov	entime Dal					
	Start of	Restart	Restart	Total		T
Deste	Downland	Date	Time	Downstame (Hs.)	Cause of Downtime	Action Taken
01/01/11	12 00AM	01/01/11	B OXIAM	8 00	Auto Shutdown	Flare was automatically shull down by the flare control panel cycle urner to control down time of flare and improve gas quality from the weatheld.
01/01/11	8 00PM	01/02/11	8 OUAM	12 00	Auto Shutdown	Flare wee automatically shall down by the flare control penel cycle times to control down time of flare and improve gas quality from the welfalls.
a1:02/11	6 00PM	01/03/11	8 OGAM	12 00	Auto Shutdown	Fiere was automatically shut down by the fiere control panel cycle times to control down time of fiere and improve gas quality from the weatheld.
01/03/11	8 00PM	01/04-11	8 00AM	12 00	Auto Shukkown	Flare was automatically shall down by the flare control panel cycle timer to control down time of flare and improve gare quality from the wellfield.
01/04/11	8 00PM	01105/11	8 00AM	12 00	Auto Shutdown	Flare was automatically shall down by the flare control panel cycle terms to control down time of flare and improve gas quality from the wellfield.
01/05/11	5 00PM	01/06/11	8 00 AM	12 00	Auto Shutdown	Flare was automatically shut down by the flare control panel cycle tame to control down time of flare and improve gas quality from the weekfalld.
01/06/11	в воем	01/07/11	8 00AM	12 00	Aulia Shulidown	Flare was automatically shut down by the flare control panel cycle time to control down time of flare and improve gas quality from the wellfield.
01/07/11	6 00PM	01/08/11	8 00AM	12 00	Auto Shutdown	Flans was automatically shull down by the flare control panel cycle tree to control down time of flare and improve gas quality from the welfield
61/08/11	8 00PM	31/09/11	a coas	12.00	A _{rido} Shukkown	Flare was automatically shift down by the flare control panel cycle brief to control down time of flare and improve ges quality from the wellfield.
01/09/11	9 15 AM	01/10/11	9 35 AM	0 25	Manual Shuadown	Manuel Rectart
gt.10/11	8 OCPM	01/11/11	a oxam	12 00	Auto Shutdown	Fiere was automatically shut down by the faire control panel cycle timer to control down time of flare and improve gas quality from the wortheld
01.1141	8 00PM	01.12.11	8 OCAM	12 00	Auto Snutdown	First was automatically shull down by the flare control panel cycle timer to control down time of flare and improve gas quality from the wellfield.
01 12/11	8 00PM	01.13/11	8 0044	12.00	Auto Shutdown	Figure was automatically shuf down by the flare control panel cycle terrer to control down time of flare and improve gas quality from the wellfield.
01713/11	11.35 AM	01/13/11	11 50 AM	0.25	Manual Shutdown	Manual Restart
g1 13v11	8 UUPPM	01/14-11	8 00044	12 00	Auto Smutdown	Figre was automatically affect down by the figre control panel cycle times to control down time of fiere and improve gas quality from the weatherd
01 1411	8 OOPM	01.55-11	8 00AM	12 00	Auto Shutdown	Figre was automatically shut down by the figre control panel cycle timer to control down time of flare and improve gas quality from the wealfield.
01/15/11	8 00PM	01/16/11	8 DCAM	12 00	Auto Smutdown	Figre was automatically shull down by the figre control panel cycle timer to control down time of flare and improve gas qualify from the weatherd
01/16/11	8 00PM	01/17/11	8 00.44	12 00	Auea Shutdown	Figre was sulomatically shut down by the fige control panel cycle breat to control down time of flare and improve gas quality from the wealfield.
01 17-11	8 00PM	01/18/11	8 00AM	12 00	Auto Shutdown	Flare was automatically shull down by the flare control panel cycle timer to control down time of flare and improve gas quality from the wellfield.
01.18-11	8 00PM	01.19/11	8 DOAM	12 00	Auto Smadown	Flare was automatically shut down by the flare control panel cycle times to control down time of flare and improve gas quality from the welfield. Flare was automatically shuf down by the flave control name cycle.
01.16.11	8 00PM	01:20:11	8 000.00	12 00	Auto Shutdown	times to control down time of flers and improve gas quality from the wellfield.
01 20/11	à copu	01/21 11	8 DCAM	12 00	Auto Shukdown	Figure was automatically shut down by the flare control panel cycle times to control down time of flare and improve gas, quality from the weatherd. Flare was automatically shut down by the flare control panel cycle.
01 21:11	8 00PM	01/22/11	6 DOAM	12 00	Auto Shuldown	times to control down time of flare and emprove gas quality from the weatheld
01/22 11	8 00PM	01 23/11	8 00AM	12 00	Auto Shutdown	Figure was automatically shull down by the flare control panel cycle times to control down time of flare and improve gas quasity from the weatheld. Figure was automatically shull down by the flare control panel cycle.
01-23-11	8 00PM	01/24/11	8 ODAM	12.00	Auto Shutdown	Flare was automatically shut down by the flare control penel cycle timer to control down time of flare and improve gas quality from the weatherd. Flare was automatically shut down by the flare control panel cycle.
012411	8 00PW	01.25/11	8 00AM	12 00	Auto Shuldown	Figure with automatically shuff down by the flare control panel cycle is as to control down time of flare and improve gas quality from the wealthed. Figure with automatically shuff down by the flare control panel cycle.
01 25-11	8 00PM	01-26-11	6 00AM	12 00	Auto Shutdown	Flare with sulconatically shut down by the flare control pensi cycle times to control down time of flare and emprove gas quality from the weatheld. Flare was automatically shull down by the flare control panel cycle.
U1:26:11	8 00PM	01:27:11	6 DOAM	12 000	Auto Shutdown	Fisie was automatically shull down by the flare control panel cycle time! to control down time of flare and improve ges quality from the weaffect. Flare was automatically shull down by the flare control panel cycle.
01/27-11	8 00PM	01-28-11	8 000	12 00	Auto Shutdown	Flare was automatically shuf down by the flare control panel cycle timer to control down time of flare and improve gas questy from the resided. Flare was automatically shuf down by the flare control panel cycle.
01-78/11	8 00PM	01:29:11	8 00AW	12 00	Auto Shutdown	Plans was automatically and down by the flare control paner cycle times to control down time of flare and improve gas quality from the weetfeld. Flare was automatically shut down by the flare control cannel cycle.
017911	8 00PM	01130/11	8 00AU	12 00	Auto Shutdown	treat to contain any sind other and improve gas quality from the wealthird. Flare was automatically abut down by the flare control panel cycle.
01/30-11	8 00PM	01/31/11	5 00AM	12 00	Auto Smittleren	prace were automatically shut down by the regal control game cycle break to control down time of fiere and improve gas quality from the westfall. Flats were automatically shut down by the flats control panel cycle.
01-31-11	6 00PM	01.31/11	12 00 AM	400	Auto Shutdown	come to control down time of fless and improve the quality from the meditality.

Total Downtanie (Hrs) 380 50 Total Hours in Month 744 Runtanie Percentage 51 55%

Notes. The downtime and runtime calculated on this sheet is the result of known downtime only. Air Compressor Downtime Data:

As Comp	100	Marriage D	414			
(Start of	Restort	Restart	Total	T	
					I .	
Dete	Downstame	Date	Time	Downstone	Cause of Downtone	Action Yaken
						NO compressor downtimes during the month of January 2011

Total Downtime (Hrs) 0.00 Total Hours in Month 744 Auntime Percentade 100.00%



Ph: (330) 659-5930 Fax: (330) 659-5931

Waste Management - Closed Site Management Group

Auto-Dialer Call-Out Summary

11-Jan
Powell Rd Landfill, Huber Heights, Ohio

1/28/2011

Channel 5 Alarm - UST is 75% full - Technician called Veolia Transportation to dispatch pump truck to remove one load from UST



Ph: (330) 659-5930 Fax: (330) 659-5931

Waste Management, Powell Rd Landfill Landfill Gas and Condensate Collection Systems Maintenance Summary Report

Feb-2011

Date	System Repaired	Proactive/ Reactive	Diagnosis of Problem Causing Reactive Action	Corrective Action / Description of Maintenance Performed
02/18/11	Fence	Reactive	USEPA sign was found on the ground	AEGL technician re-attached the sign properly to the fence
02/18/11	Pumps	Reactive	AEGL technician noted fluid level greater than 18 inches in well G/L 9	AEGL technician pulled, disassembled, cleaned pump, and fixed air leak. Technician then re-assemble pump and re-installed back into well. Technician noted that pump was still not operating. Technician pulled pump and replaced with a site spare. Pump was taken back to the office and it will be fixed and taken back to site.
02/18/11	Pumps	Reactive	Pumps in well G/L 4,8,9,11, 13,14, 17,18,22,23, and 26 were not operating properly	These wells were noted for having fluid levels greater than 18 inches. AEGL will schedule a pump service event as soon as weather conditions permit.

Additional Comments:	River flooding contributing to liquid levels.



American Erwironmental Group Uld 3600 Bracosville Rd Suite 100 Richfield Onto 44285

Ph (330) 659-5930 Fax (330) 659-5931

Waste Management, Powell Road Landfill

Downtime Report February 1, 2011 Thru February 28, 2011

December December December December Pt Cause of Dometters	e Down	ntime Dat	•				
200111 12 00MM 0200111 8 00MM 12 00 Auto Shukboon 12 00 Auto S		Start of	Restart	Regiart	Total	Course of Departure	Action Taken
2001111 200744 202011 20044 12 00 Auto Shuldown Shullown by the first control down thron of found and represent place of the control down thron of found and represent place of the control down thron of found and represent place of the control down thron of found and place place place place place place place of the control down thron of found by the first control down thron of first and representative place pl							Figre was automatically shut down by the flare control panel cycle tener to control down time of flare and suprove gas quality from the
200911 8.00PM 02/0411 8.00AM 12.00 Auto Shuldown Father was automatically shull down by the filter control community of the same of the same of province gain 4 (seeing the same of the	2/01/11	8 00PM	02/02/11	B COAM	12 00	Auto Shukdown	Fiers was automatically shull down by the flere control pensi cycle timer to control down time of flere and improve gas quality from the
200911 8 00PM 020611 8 00AM 12 00 Auto Shubbon Fare was automatically shut down by the fare or certain common of the same or offere and improve gain 0 common of the same or offere and improve gain 0 common of the same or offere and improve gain 0 common of the same or offere and improve gain 0 common of the same or offere and improve gain 0 common of the same or offere and improve gain 0 common of the same or offere and improve gain 0 common of the same or offere and improve gain 0 common of the same or offere and improve gain 0 common of the same or offere and improve gain 0 common of the same or offere and improve gain 0 common of the same or offere and improve gain 0 common of the same or offere and improve gain 0 common of the same of the same or offere and improve gain 0 common of the same of the same or offere and improve gain 0 common of the same of the same or offere and improve gain 0 common of the same of the same or offere and improve gain 0 common of the same of the same or offere and improve gain 0 common offere g	2/02/11	8.00PM	02/03/11	8 OCAM	12 00	Auto Shuhdown	Figure was automatically shut down by the figure control panel cycle tener to control down time of figure and emprove gas quality from the
Committee Comm	12/03/11	8 00PM	02/04/11	6 DOAM	12 00	Auto Shulidown	Fiers was automatically sinut down by the flare control panel cycle terrer to control down time of flare and improve gas quality from the
Common	12/04/11	8 00PM	02/05/11	8 OCAM	12 00	Auto Shuiddown	Filers was automatically shuf down by the flere control panel cycle timer to control down time of flere and improve gas quality from the
2009/11 8 00PM 02/0711 8 00AM 12 00 Auto Shubbown Fire is owner to control down than of fire and improve gain 0 will fire to control down than of fire and improve gain 0 will fire to control down than of fire and improve gain 0 will fire to control down than of fire and improve gain 0 will fire to control down than of fire and improve gain 0 will fire to control down than of fire and improve gain 0 will fire to control down than of fire and improve gain 0 will fire to control down than of fire and improve gain 0 will fire to control down than of fire and improve gain 0 will fire to control down than of fire and improve gain 0 will fired to control down than of fire a	22/05/11	6 OOPM	02/06/11	8 DOAM	12 00		Fiers was automatically shut down by the fiers control penal cycle tuner to control down time of fiers and exprove gas quality from the
20/07/11 8 00PM 02/09/11 8 00AM 12 00 Auto Shufdown Faire was automatically shuld down by the filter some of the and management per control down throw of filter and improve gain 0 with 1 1	22/08/11	6 00PM	02/07/11	8 000	12 00	1	Fiere was automatically shut down by the flare control penal cycle tuner to control down time of flare and improve gast quality from the
2009H1 8 00PM 02/1911 8 00AM 12 00 Auto Shuldown Shu	72/07/11	8 00PM	02/08/11	8 00AM	12 00	Auto Shukdown	Figre was automatically shut down by the flare control penal cycle timer to control down time of flare and improve gas quality from the
201911 8 00PM 021111 8 00AM 12 00 Aub Shubbon Shubbo	02/08/11	8-00PM	02/09/11	8 00AM	12 00	Auto Shulkdown	Figure was automatically shull down by the flare control panel cycle tener to control down time of flare and emprove gas quality from the wellfield
22/11/11 8 00PM 02/12/11 8 00AM 12 00 Aub Shuktown symbol symbol symbol down by the first control down than of first and improve gate 0	02/09/11	8 00PM	02/10/11	8 OCAM	1200	Auto Shutdown	
22/17/11 8 00PM 02/17/11 8 00AM 12 00 Aub Shukdown ment to control down time of flare and improve gilled 02/17/11 8 00PM 02/17/11 8 00AM 12 00 Aub Shukdown Flare rese automatically shuk down by the flare control down time of flare and emprove gilled 02/17/11 8 00PM 02/17/11 8 00AM 12 00 Aub Shukdown Flare rese automatically shuk down by the flare control down time of flare and emprove gilled 02/17/11 8 00PM 02/17/11 8 00AM 12 00 Aub Shukdown Flare rese automatically shuk down by the flare control down time of flare and emprove gilled 02/17/11 8 00PM 02/17/11 8 00AM 12 00 Aub Shukdown Flare rese automatically shuk down by the flare control down time of flare and emprove gilled 02/17/11 8 00PM 02/17/11 8 00AM 12 00 Aub Shukdown Flare rese automatically shuk down by the flare control down time of flare and emprove gilled 02/17/11 8 00PM 02/17/11 8 00AM 12 00 Aub Shukdown 02/18/11 8 00PM 02/18/11 8 00AM 12 00 Aub Shukdown 02/18/11 8 00PM 02/18/11 8 00AM 12 00 Aub Shukdown 02/18/11 8 00AM 12 00 Aub Shukdo	02/10/11	8 COPM	02/11/11	6 00AM	12 00	Auto Shukkhen	
22/13/11 8 00PM 02/14/11 8 00AM 12 00 Aub Shuktown S	02/11/11	5 00PM	02/12/11	8 QQAM	12 00	Auto Shukdown	
2021-11 8 00PM 02/15/11 8 00AM 12 00 Aub Shuktown There was automatically shull down by the flere control common of flere and emprove gate of welffled	02/12/11	8 00PM	02/13/11	B OGAM	12.00	Auto Shukdown	timer to control down time of flere and enprove gas quality from the wellfield
22/14/11 8 00PM 02/15/11 8 00AM 12 00 Aub Shuktown There was automatically shut down by the flere control down time of flere and emprove gall of welffeld	02/13/11	8 00PM	02/14/11	8 00AM	12 00	Auto Shukdown	timer to control down time of flere and emprove gast quality from the welffield
22/25/11 8 00PM 02/25/11 8 00AM 12 00 Aub Shukbown mere to control down have of fixer and emprove gets of wellfalled Revenue automatically shuk down by the fixer control down than of fixer and emprove gets of wellfalled Revenue automatically shuk down by the fixer control down than of fixer and emprove gets overfleted Revenue automatically shuk down by the fixer control down than of fixer and emprove gets overfleted Revenue automatically shuk down by the fixer control down than of fixer and emprove gets overfleted Revenue automatically shuk down by the fixer control down than of fixer and emprove gets overfleted Revenue automatically shuk down by the fixer control down than of fixer and emprove gets overfleted Revenue automatically shuk down by the fixer control down than of fixer and emprove gets overfleted Revenue automatically shuk down by the fixer control down than of fixer and emprove gets overfleted Revenue automatically shuk down by the fixer control down than of fixer and emprove gets overfleted Revenue automatically shuk down by the fixer control down than of fixer and emprove gets overfleted Revenue automatically shuk down by the fixer control down than of fixer and emprove gets overfleted Revenue automatically shuk down by the fixer control down than of fixer and emprove gets overfleted Revenue automatically shuk down by the fixer control down than of fixer and emprove gets overfleted Revenue automatically shuk down by the fixer control down than of fixer and emprove gets Revenue automatically shuk down by the fixer control down than of fixer and emprove gets Revenue automatically shuk down by the fixer control down than of fixer and emprove gets Revenue automatically shuk down by the fixer control down than of fixer and emprove gets Revenue automatically shuk down by the fixer control down than of fixer and emprove gets Revenue automatically shuk down by the fixer control down than of fixer and emprove gets Revenue automatically shuk down by the	02/14/11	8 00PM	02/15/11	MAGO 8	12 00	Auto Shukdown	timer to control down time of fine and improve gain quality from the wellfield
201611 8 00PM C2/1711 8 00AM 12 00 Auto Shuktown There was automatically shut down by the fleer control down than of fleer and improve get of settled	02/5/11	8 00PM	02/16/11	8 00AM	12 00	Auto Shukdown	timer to control down time of flare and improve gast quality from the welffield
20,1811 9 00 PM 02/1911 9 05 AM 0.26 Maruel Shuldown more to control down hare of flare and improve gale of wellfall	02/16/11	8 00PM	02/17/11	8 00AM	12 00	Auto Shukdown	timer to control down time of flere and improve gas quality from the wellfield.
22/18/11 8 00PM 02/29/11 8 00AM 12 00 Auto Shuldown Shuldown							timer to control down time of flere and emprove gast quality from the wellfield
Q2/8/11 8 00PM Q2/2011 8 00AM 12 00 Auto Shuldown Invest to control down time of flare and improve get will restrict the control down time of flare and improve get will restrict the control down time of flare and improve get will restrict the control down time of flare and improve get will restrict the control down time of flare and improve get will restrict the control down time of flare and improve get will restrict the control down time of flare and improve get will restrict the control down time of flare and improve get will restrict the control down time of flare and improve get will restrict the control down time of flare and improve get will restrict the control down time of flare and improve get will restrict the control down time of flare and improve get will restrict the control down time of flare and improve get restrict to control down time of flare and improve get will restrict the control down time of flare and improve get will restrict the control down time of flare and improve get will restrict the control down time of flare and improve get will restrict the control down time of flare and improve get will restrict the control down time of flare and improve get will restrict the control down time of flare and improve get will restrict the control down time of flare and improve get get will restrict the control down time of flare and improve get get get get get get get get get ge	COLUMN !	2 40 AM	03/18/11	9 55 AM	0.25	Maruel Shuddown	Figre was sufornstically shut down by the flare control panel cycle
2021911 8 00PM 02/21/11 8 00AM 12 00 Auto Shuktown There was automatically what down by the filter confit	02/18/11	6 00PM	02/19/11	8 00AM	12 00	Auto Shukdown	timer to control down time of flere and improve gas quality from the weitheld
02/2011 8 00PM 02/2111 8 00AM 12 00 Auto Shulddown Immer to control down time of filers and improve gleat wellfalled 1	02/19/11	8 00PM	02/20/11	8 00AM	12 00	Auto Shutdown	briver to control down time of flare and emprove gas quality from the wellfield
	02/20/11	5 00PM	02/21/11	8 00AM	12 00	Auto Shulidown	timer to control down time of flere and improve ges quality from the welffield
	02/21/11	8 00PM	02/22/11	MAGO 5	1200	Auto Shutdown	timer to control down time of flere and improve gast quality from the wellfield
02/25/11 8 00PM 02/24/11 8 00AM 12 00 Auto Shulddown Image to control down time of flare and anjovine gate	02/22/11	8 00PM	02/23/11	8 00AM	12 00	Auto Shukdown	tener to control down time of flere and improve gas Quality from the wellfield
D2/26/11 8 00PM D2/25/11 8 00AM 12 00 Auto Shuktown bren's to control down time of fixer and improve glassing the control of the control down time of fixer and improve glassing the control down time of fixer and improve glassing the control down time of fixer and improve glassing the control down time of fixer and improve glassing time to control down time of fixer and improve glassing time to control down time of fixer and improve glassing time to control down time of fixer and improve glassing time to control down time of fixer and improve glassing time to control down time of fixer and improve glassing time time time time time time time time	02/23/11	8 00PM	02/24/11	B DOAM	12 00	Auto Shukdown	tarner to control down time of flare and improve gas Quality from the wellfield
02/25/11 8 00PM 02/28/11 8 00AM 12 00 Auto Shuldown Shreet to control down time of flare and improve gase- 02/28/11 8 00PM 02/27/11 8 00AM 12 00 Auto Shuldown	02/24/11	8 00PM	02/25/11	8 00AM	12 00	Auto Shultdown	timer to control down time of flere and improve gas quality from the wellfield
02/26/11 8 00PM 02/27/11 8 00AM 12 00 Auto Shuldown Immer to control down time of filters and anytoning time	02/25/11	8 00PM	02/26/11	8 00AM	12 00	Auto Shultdown	tener to control down time of flere and improve gas quality from the wellfield
02/27/11 6 00PM 02/28/11 6 00AM 12:00 Auto Shufdown times to control down time of flere and improve gas	02/26/11	6 00PM	02/27/11	8 00AM	12 00	Auto Shutdown	timer to control down time of flere and enprove gas quality from the wellfield
	02/27/11	6 00PM	02/28/11	8 00AM	12.00	Auto Shutdown	times to control down time of flere and improve get Quality from the wellfield
03/28/11 8 00PM 03/01/11 12 00 AM 4 00 Auto Snutdown to control down time of flare and enprove get vegetable.	02/26/11	8 00PM	03/01/11	12 00 AM	400	Auto Shukdown	Flare was automatically shut down by the flare control panel cycle timer to control down time of flare and emprove gas quality from the wellfield.

Total Downtime (Hrs) 336 25 Total Hours in Month 572 Runtime Percentage 49 95%

Notice: The downtane and runtame calculated on this thesi is the result of known downtame only.

Air Compression Downtains Tests

Air Co	npressor Do	wntime D	ete			
	Start of	Restart	Regiant	Total		
Date	Downstone	Date	Time	Downstone	Cause of Downtime	Action Taken
						No compressor downsmes during the month of February 2011

Total Downsme (Hrs) 0 00 Total Hours in Month 744 Rantime Percentage 100 00%



Ph: (330) 659-5930 Fax: (330) 659-5931

Waste Management - Closed Site Management Group

Auto-Dialer Call-Out Summary

Powell Rd Landfill, Huber Heights, Ohio

Feb-2011						
Date	Auto Dialer Alarm	Corrective Action				
2/2/2011	Channel 1 Alarm - Pilot failure	Automatic flare shutdown due to power outage. AEGL technician co-ordinated with Tom Miller to restart flare when power was restored to site.				
2/5/2011	Channel 5 Alarm - UST is 75% full	Technician called Veolia Transportation to dispatch pump truck to remove one load from UST				
2/21/2011	Channel 5 Alarm - UST is 75% full	Technician called Veolia Transportation to dispatch pump truck to remove one load from UST				



Ph: (330) 659-5930 Fax: (330) 659-5931

Waste Management, Powell Rd Landfill Landfill Gas and Condensate Collection Systems Maintenance Summary Report

Mar-2011

Date	System Repaired	Proactive/ Reactive	Diagnosis of Problem Causing Reactive Action	Corrective Action / Description of Maintenance Performed
03/24/11	LCCS	Reactive	Well GW-23 has high water level	AEGL technician pulled and cleaned pump set back in well. Pump cycled three times and stopped. Technician noted an air leak pulled pump back out of well and fixed. Pump was re-installed in well and cycled three more times before stopping. Technician called project manager and to discuss that muck from well could be clogging and stalling the pump. The well will be investigated with a pipe camera to evaluate sludge issues in the well so corrective actions can be implemented.

Additional Comments:	River flooding contributing to liquid levels.



Ph (330) 859-5930 Fax (330) 859-5931

Waste Management, Powell Road Landfill
Downtime Report March 1, 2011 Thru March 31, 2011

Downtime	е нерогі	Marc	.n 1, 2011	intu	march 31, 2011	
Flare Do	entime Dat	a				·
Oete	Start of Downtime	Restari Date	Restart	Total Downtime (Hr.)	Cause of Downtime	Action Taken
03/01/11	12 00AM	03/01/11	8 00AM	8 00	Auto Shuldown	Flare was automatically shull down by the flare control panel cycle timer to control down time of flare and improve gas quality from the
03/01/11	8 00PM	03/02/11	8 00AM	12 00	Auto Shutdown	welffeld Figure was automatically shut down by the flare control panel cycle timer to control down time of flare and improve gas quality from the welffeld
03/02/11	8 00PM	03/03/11	8 OOAM	12.00	Auto Struttown	Flare was automatically shut down by the flare control panel cycle timer to control down time of flare and improve gas quality from the
03/03/11	8 00PM	03/04/11	6 00AM	12 00	Auto Shutdown	welfield Flere was automatically shuf down by the flere control panel cycle times to control down time of flere and improve gas quality from the welfield
03/04/11	8 0094	03/05/11	6 00AM	12:00	Auto Shuldown	Flare was automatically shut down by the flare control panel cycle times to control down time of flare and improve gas quality from the wellfield.
03/05/11	8 00PM	03/05/11	8 00AM	12 00	Auto Shutdown	Flare was automatically shut down by the flare control panel cycle orner to control down time of flare and improve gas quality from the wallfield.
03/06/11	8 00PM	03/07/11	a DOAM	12 00	Auto Shutdown	Flere was sucomatically shut down by the flare control panel cycle timer to control down time of flare and improve gas quality from the wellheld.
03/07/11	8 00PM	03408/11	8 00AM	12 00	Auto Snutdown	Flare was automatically shull down by the flare control panel cycle timer to control down time of flare and improve gas quality from the wellfield.
03/06/11	8 00PM	03/09/11	a DOAM	12 00	Auto Shutdown	Flare was automatically shut down by the flare control panel cycle timer to control down time of flare and improve gas quality from the wellflest.
03/09/11	8 00PM	03/10/11	8 OGAM	12 00	Auto Shutdown	Filters was automatically shull down by the filters control panel cycle timer to control down time of flare and improve gas quality from the wellfield.
03-10-11	8 00PM	03-11/11	8 00AM	12 00	Auto Shuldown	Flare was automatically shull down by the flare control panel cycle timer to control down time of flare and improve gas quality from the weithed
03/11/11	8 COPM	03/12/11	8 00AM	12 00	Auto Shuldown	Fiere was automatically shut down by the flare control panel cycle brief to control down time of flare and improve gas quality from the wellfield.
0.64344	8 00PM	33.13.11	B COAM	12.00	Auro Shurdown	Flare was automatically shut down by the flare control penal cycle timer to control down time of flare and improve gas quality from the weatheid.
ווענוענו	B DOPM	03-14/11	8 ODAM	12 00	Auto Shutdown	Flare was automatically shut down by the flare control panel cycle timer to control down time of flare and improve gas quality from the welfield
03.14.11	8 00PM	03/15/11	8 OCAM	12 00	Auto Shutdown	Flare was automatically shut down by the flare control panel cycle timer to control down time of flare and improve gas quality from the welffield.
03/15/11	8 00PM	03-16-11	8 00AM	12 00	Auto Shuldown	Flare was automatically shull down by the flare control panel cycle timer to control down time of flare and improve gas quality from the weitheid
03-16-11	8 OOPM	03/17/11	8 0004	12 00	Auto Shutdown	Flare was automatically shut down by the flare control panel cycle timer to control down time of flare and improve gas quality from the weatherd.
03/17/11	8 00PM	03-18-11	8 DGAM	12 00	Auto Shuildown	Filers was, automatically shut down by the flare control panel cycle timer to control down time of flare and improve gas quality from the wellfield.
03-19-11	8 00PM	03/20/11	8 00AM	12 000	Auto Shutdown	Flare was automatically shut down by the flare control panel cycle timer to control down time of flare and improve gas quality from the welfletd.
03/20-11	8 00PM	03/21 11	8 00AM	12 00	Auto Shutdown	Flare was automatically shut down by the flare control panel cycle brief to control down time of flare and improve gas quality from the westhed
03-21-11	8 00PM	03/22/11	8 00A#	12 00	Auto Shutdown	Flare was automatically shut down by the flare control panel cycle timer to control down time of flare and improve gas quality from the welffield.
03/22/11	8 COPM	03/23/11	8 00AM	12 00	Auto Shuldown	Flare was automatically shull down by the flare control panel cycle timer to control down time of flare and improve gas quasity from the welffield.
03/23/11	8 00PM	0.924/11	B DOAM	12 00	Auto Shuldown	Flare was automatically shull down by the flare control panel cycle limet to control down time of flure and improve gas quality from the welfield.
03/24/11	11 35 AM 8 00PM	03/24/11	11 50 AM 8 00AM	12 00	Manual Shutdown	Manual Restart (Flare shutdown for monthly inspection) Flare was automatically shut down by the flare control panel cycle timer to control down time of flare and improve gas quality from the
03-25/11	в сорм	03/26/11	8 OOAM	12 00	Auto Snukdown	welfield. Flare was automatically shull down by the flare control panel cycle timer to control down time of flare and improve gas quality from the welfield.
03-26/11	8 00PM	U3/27/11	8 00AM	12 00	- Auto Shuldown	Wemen Flare was automatically shut down by the flare control panel cycle timer to control down time of flare and improve gas quality from the weithed
03/27/11	8 COPM	03/28/11	8 00AM	12 00	Auto Snukdown	Flare was automatically shut down by the flare control panel cycle times to control down time of flare and improve gas quality from the welfted.
03/28-11	в соем	03/29/11	8 00AM	12 00	Auto Shutdown	Flars was automatically shut down by the flars control paner cycle timer to control down time of flars and improve gas quality from the welfreid.
03/29-11	8 00PM	03/30/11	6 00AM	12 00	Auto Snuldown	Flare was automatically shull down by the flare control panel cycle times to control down time of flare and enprove gas quality from the wellfield.
03/30/11	8 00PM	03/31/11	8 00AM	12 00	Auto Shuldown	Flare was automatically shut down by the flare control panel cycle timer to control down time of flare and improve gas quality from the weatherd.
03/31/11	8 00094	04/01/11	12 00 AM	400	Auto Shutdown	Flare was automatically shut down by the flare control panel cycle timer to control down time of flare and improve gas quality from the welfheld.

Total Downtime (Hrs) 300 25
Total Hours in Month 744
Runtime Percentage 51 58%

Notes. The downsme and runtime calculated on the sheet is the result of known downtime only

Air Com	pressor Do	wntime D	ata			
1	Start of	Restort	Restart	Total	T ·	
Date	Downtime	Dete	THREE	Downtame	Cause of Downtime	Action Taken
					T	No compressor downlimes during the month of March 2011

Total Downtime (Hrs) 0 00 Total Hours in Month 744 Runtime Percentage 100 00%

3/24/2011	Channel 5 Alarm - UST is 75% full	Technician called Veolia Transportation to dispatch pump truck to remove one load from UST
3/25/2011	Channel 5 Alarm - UST is 75% full	Technician called Veolia Transportation to dispatch pump truck to remove one load from UST
3/28/2011	Channel 5 Alarm - UST is 75% full	Technician called Veolia Transportation to dispatch pump truck to remove one load from UST
3/29/2011	Channel 5 Alarm - UST is 75% full	Technician called Veolia Transportation to dispatch pump truck to remove one load from UST

. . . .



Ph: (330) 659-5930 Fax: (330) 659-5931

Waste Management - Closed Site Management Group

Auto-Dialer Call-Out Summary

Powell Rd Landfill, Huber Heights, Ohio

Mar-2011

Date	Auto Dialer Alarm	Corrective Action
3/3/2011	Channel 6 Alarm - UST is 100% full	Technician called Veolia Transportation to dispatch pump truck to remove one load from UST
3/6/2011	Channel 6 Alarm - UST is 100% full	Technician called Veolia Transportation to dispatch pump truck to remove one load from UST
3/11/2011	Channel 5 Alarm - UST is 75% full	Technician called Veolia Transportation to dispatch pump truck to remove one load from UST
3/12/2011	Channel 6 Alarm - UST is 100% full	Technician called Veolia Transportation to dispatch pump truck to remove one load from UST
3/13/2011	Channel 5 Alarm - UST is 75% full	Technician called Veolia Transportation to dispatch pump truck to remove one load from UST
3/14/2011	Channel 6 Alarm - UST is 100% full	Technician called Veolia Transportation to dispatch pump truck to remove one load from UST
3/15/2011	Channel 5 Alarm - UST is 75% full	Technician called Veolia Transportation to dispatch pump truck to remove one load from UST
3/16/2011	Channel 5 Alarm - UST is 75% full	Technician called Veolia Transportation to dispatch pump truck to remove one load from UST
3/18/2011	Channel 5 Alarm - UST is 75% full	Technician called Veolia Transportation to dispatch pump truck to remove one load from UST
3/19/2011	Channel 5 Alarm - UST is 75% full	Technician called Veolia Transportation to dispatch pump truck to remove one load from UST
3/22/2011	Channel 5 Alarm - UST is 75% full	Technician called Veolia Transportation to dispatch pump truck to remove one load from UST



Ph: (330) 659-5930 Fax: (330) 659-5931

Waste Management, Powell Rd Landfill Landfill Gas and Condensate Collection Systems Maintenance Summary Report

Apr-2011

Date	System Repaired	Proactive/ Reactive	Diagnosis of Problem Causing Reactive Action	Corrective Action / Description of Maintenance Performed
04/07/11	G/L 7	Reactive	Air line fit was too tight	AEGL technician replaced air line with onsite spare
04/07/11	G/L 11	Reactive	Air line fit was too tight	Air line was tight so AEGL technician replaced air line with onsite spare
04/07/11	G/L 17 & G/L 22	Reactive	Cycle counter wasn't operating properly	AEGL technician replaced cycle counter with onsite spare
04/07/11	G/L 9,18,17,1,2, 3	Proactive	Old sample port was old and deteriorated	AEGL technician replaced the old white broken quick connect sample ports on the lateral side well
04/07/11	East/West	Proactive	Old sample port was old and deteriorated	AEGL technician replaced the old white broken quick connect sample ports on the test port header risers
04/21/11	Condensate Sump #2.	Reactive	Water from airline getting into the pump air inlet port and stalling pump	Technicians installed an additional water trap on the air line before the existing air regulator and water trap to remove the excessive water found in the airline.
04/21/11	Actuator Valve	Proactive	AEGL suspected that the actuator valve was not fully opening	Removed actuator and tested it for proper operations. Then re-installed when noted that proper operation was occurring

Additional Comments:	River flooding contributing to liquid levels.
----------------------	---



Ph (330) 659-5930 Fax (330) 659-5931

Waste Management, Powell Road Landfill
Downtime Report April 1, 2011 Thru April 30, 2011

F lare	Do	≈ntır	ne	Da	u

Fiare Doy	vntime Dat	<u>.</u>				r
Date	Start of Cowntyne	Resteri	Restart	Total Downtone (Hr.)	Cause of Downstime	Action Taken
9				'		Fiere was automatically shut down by the flere control panel cycle
04/01.11	12 0GAM	04/01/11	MAGG 8	800	Auto Shutdown	times to control down time of figure and improve gas quality from the
				1	****	Flere was automatically shut down by the flere control panel cycle
04/01/11	6 00PM	04/02/11	8 OCAM	12 00	Auto Shutdown	timer to control down time of flare and improve gas quality from the weatherd
						Flore was automatically shut down by the flore control panel cycle
04.02/11	8 00PM	04/03/11	8 ODAM	12 00	Auto Shutdown	times to control down time of flere and emprove ges quality from the
				†		Flare was suformatically shut down by the flare control panel cycle
04/03/11	8 00PM	04/04/11	8 0DAM	12 00	Auto Shutdown	timer to control down time of Bare and improve gas quality from the
				 		walfield Flare was automatically shut down by the flare control panel cycle
04/04/11	8 00PM	04/05/11	8 00AM	12 00	Auto Shutdown	timer to control down time of flare and improve gas quality from the
						welfield Flare was automatically shut gown by the flare control panel cycle
04/05/11	8 00PM	040811	MAGG B	12 00	Auto Shutdown	Limits to control down time of their and improve gas quality from the
				 		weitheld Flare was automatically shut down by the flare control panel cycle
04/06/11	8 QOPM	04/07/11	8 00AM	12 00	Auto Shutdown	brner to control down time of flere and improve gas quality from the
		\vdash				welfield Flore was automatically shut down by the flore control penel cycle
04/07/11	8 00PM	04/08/11	8 DOAM	12 00	Auto Shutdown	timer to control down time of flers and improve gas quality from the
		\vdash		 		Flare was automatically shut down by the flare control panel cycle
040811	8 00PM	04/09/11	8 DOAM	12 00	Auto Shutdown	timer to control down time of fiere and improve gas quality from the
						Flare was automatically shut down by the flare control panel cycle
04/09/11	8 00PM	0410/11	8 OGAM	12 00	Auto Shutdown	times to control down time of flere and improve gas quality from the
						welfleid Flere was automatically shut down by the flere control panel cycle
0410.11	6 00PM	04:11:11	6 OCAM	12.00	Auto Shutdown	times to control down time of flare and improve gas quality from the
	-					wellfield
04/11/11	5 00PM	G4-12/11	8 00AM	12 00	Auto Shutdown	Flare was automatically shut down by the flare control panel cycle timer to control down time of flare and improve gas quality from the
				1		wetherd
04/12/11	8 00PM	0413-11	8 00AM	12 00	Auso Shusdown	Flare was automatically shut down by the flare control plinet cycle timer to control down time of flare and improve gas quality from the
ļ	ļ <u></u>	ļ		 		weatherd
04/13/11	8 00PM	041411	8 00AM	12 00	Auto Shutdown	Filtre was automatically shut down by the flare control penel cycle timer to control down time of flare and emprove gas quality from the
						welfield
04/14/11	8 00PM	04/15/11	8 DOAM	12 00	Auto Shutdown	Flare was sutomatically shut down by the flere control penel cycle timer to control down time of flare and emprove gas quality from the
ļ		ļ		.		weitheid
04/15/11	8 00PM	041811	8 DOAM	12 00	Auto Shutdown	Figre was sutomatically shut down by the flare control panel cycle times to control down time of flare and improve gas quality from the
			 -	. 		wealthest
0416-11	8 00PM	04/17/11	8 DOM	12 00	Auto Shutdown	Fibre was automatically shut down by the fibre control panel cycle times to control down time of fibre and improve gas quality from the
	ļ - ——	-		}		welfield
04/17/11	6 00PM	04.18/11	B DOAM	12 00	Auto Shutdown	Fiere was automatically shut down by the fiere control penel cycle timer to control down time of field and improve gas quality from the
	-					wellfield
04.18/11	6 DOPM	04/19/11	8 00AM	12 00	Auto Shutdown	Fiere was automatically shut down by the fiere control penel cycle timer to control down time of fiere and improve gas quality from the
1				1 .		wellfield
04/19/11	8 DOPM	04/20-11	5 00AM	12 00	Auto Shutdown	Filter was automatically shut down by the flare control panel cycle timer to control down time of flare and improve gas quality from the
	ļ —	ļ				wellheid
04/20/11	8 00PM	04.21-11	8 OGAM	12 00	Auto Shutdown	Figure was automatically stud down by the flare control panel cycle timer to control down time of flare and improve gas quality from the
1	ļ .	4	1	1	Ϊ	wellfield
04/21-11	8 00AM	04/21/11	1 00PM	5 00	Auto Shutdown	Flare would not restart in automatic mode and was restarted in manual mode
					1	Flars was automatically shut down by the flare control panel cycle
04/21/11	6 00PM	04/22/11	8 00AM	12 00	Auto Shutdown	biner to control down time of flare and improve gas quality from the welffeed
G4/22/11		0423-11		1		Flere was autometically shut down by the flere control penel cycle
ااعتيما	8 00PM	34.23.11	8 XXAM	12 00	Auto Shutgown	time: to control down time of flece and improve gas quality from the wellheld
0415011	5 00PM	04/24.11		1	1	Flare was automatically shut down by the flare control penel cycle
Lan Sinte	5 00PM	0424.11	B DOAM	.5 ∞	Auto Staduomi	intree to construit down teme of nere and improve gas quality from the welffeld
						Flere was automatically shut down by the flere control panel cycle
04/24/11	8 COPM	04/25-11	8 ODAM	12 00	Auto Shuldown	times to control down time of flere and improve gas quality from the wellfield
	1	1	Γ	1	1	Flere was automatically shut down by the flere control panel cycle
04/25/11	6 00PM	04/26/11	8 00044	12 00	Auto Shutdown	timer to control down time of flere and improve gas quality from the wellfield
	1		Ī		1	Flore was automatically shut down by the flore control panel cycle
04/26/11	8 00PM	04/27/11	5 00AM	12 00	Auto Shutdown	bree to control down time of flere and improve gas quality from the welffield
	1	1:	1	T	1	Flare was automatically shut down by the flare control panel cycle
04027:11	8 OUPM	04/28/11	8 00AM	12 00	Auto Shutdown	timer to control down time of flare and improve gas quality from the
i	1 '	1	T	1	1	Flare was automatically shut down by the flare control panel cycle
047811	8 00PM	04-29-11	8 000	12 00	Auto Shutdown	timer to control down time of flaur and improve gas quality from the wellhold
	1		1	1	1 . 1	Flare was automatically shut down by the flare control panel cycle
04/29/11	8 00PM	04-30r11	8 00AM	13.00	Auto Shutdown	times to control down time of flare and improve gas quality from the wellfield
1	1	1	T			Flore was automatically shut down by the flore control panel cycle
04/30/11	8 00PM	05/01/11	12 00 AM	400	Auto Shutdown	times to control down time of flare and improve gas quality from the wellfield
1	, _				<u> </u>	U-1772

Total Downtone (His) 365 00
Total Hours on Month. 720
Austina Percentage 46 31 %

Note: The Countries and further accusated on this sheet is the result of known downtone one.

All Compressor Downtone Data

Base of Restart Restart Total

Description Description Description Cause of Operatione

Cause of Operatione

No compressor downtone during the month of April 2011

Total Downtone (Hrs) 0.00 Total Hours in Month 744 Runtime Percentage 100.00%



Ph: (330) 659-5930 Fax: (330) 659-5931

Waste Management - Closed Site Management Group

Auto-Dialer Call-Out Summary

Powell Rd Landfill, Huber Heights, Ohio

Apr-2011

The harmonic of the control of

Date	Auto Dialer Alarm	Corrective Action
4/3/2011	Channel 5 Alarm - UST is 75% full	Technician called Veolia Transportation to dispatch pump truck to remove one load from UST
4/4/2011	Channel 5 Alarm - UST is 75% full	Technician called Veolia Transportation to dispatch pump truck to remove one load from UST
4/7/2011	Channel 5 Alarm - UST is 75% full	Technician called Veolia Transportation to dispatch pump truck to remove one load from UST



Ph: (330) 659-5930 Fax: (330) 659-5931

Waste Management, Powell Rd Landfill Landfill Gas and Condensate Collection Systems Maintenance Summary Report

May-2011

Date	System Repaired	Proactive/ Reactive	Diagnosis of Problem Causing Reactive Action	Corrective Action / Description of Maintenance Performed
05/13/11	East CS	Reactive	Pumps weren't cycling and sump was filled with water	AEGL technician pulled pump and diagnosed that it wasn't working properly so the technician removed the pump and replaced it with the pump from well G/L 13.
05/13/11	G/L 7	Reactive	Pump wasn't cycling	AEGL technician pulled pump and determined that one of the quick connect fittings on the air line had broken and replaced it.
05/13/11	Flare Enclosure	Proactive	Vegetation was getting tall	AEGL technician weed whipped the flare enclosure.
05/13/11	East CS	Reactive	Technician noted an unusual amount of water in the air line.	AEGL technician installed a water trap on the air line.

Additional Comments:

No Additional Comments



American Enveronmental Group, Ltd 3600 Bracksville Rd. Butle 100 Richfield. Otto 44288

Ph (330) 659-5630 Fax (330) 659-5631

Waste Management, Powell Road Landfill
Downtime Report May 1, 2011 Thru May 31, 2011

Flare Dov	vntime Dut	a				
	Start of Downtone	Restart Date	Restart Time	Total Downtone (Hr.)	Cause of Downtime	Action Taken
05/01/11	12 00AM	05/01/11	8 OOAM	# 00	Auto Shubbourn	Flore was automatically shut down by the flore control panel cycle arms to central down time of flore and emprove gas quality from the
05-01/11	ACCIPIL	08/02/11	a coam	12 00	Auto Shutdown	wallfeld Plane was suternationally shut down by the lane control panel cycle terms to control down time of flare and efferove gas qualify from the
		UB/UZ/11		1200	,	Page was automatically shut gown by the flare control panel cycle
06/02/11	8 COPM	08/03/11	8 00AM	12 00	Auto Bhutdown	terner to control down time of flare and improve gas quality from the wellfield
05/03/11	6 00PM	05/04/11	6 00AM	12 00	Auto Shutdown	Flere was automatically shut down by the flere control panel cycle timer to control down time of flere and improve gas quality from the weatherd
05/04/11	8 00PM	05/05/11	8 00AM	12 00	Auto Shutdown	Flare was automatically shut down by the flare control panel cycle timer to control down time of flare and improve gas quality from the
06/06/11	8 00PM	05/06/11	8 00AM	12 00	Auto Bhutdown	well-bid. Flare was automatically shut down by the flare control panel cycle timer to control down time of flare and improve gas quality from the
05/04/11	8 00PM	05/07/11	B OGAM	12 00	Auto Shutdown	evellaid Place was automatically shut down by the flare control penel cycle terrar to control down time of flare and improve gas quality from the
05/07/11	8 00PM	05/08/11	B COAM	1200	Auto Shuadown	Plare was subtreated shut down by the flare control panel cycle timer to control down time of flare and improve gas quality from the
						Plane was automatically shut down by the flere control panel cycle
05/09/11	B COPPM	05/06/11	8 ODAM	12 00	Auto Bhutdown	timer to control down time of flare and improve gas quality from the wellfield. Flare was automatically shull down by the flare control panel cycle.
05/09/11	8 00PM	05/10/11	e coam	12 00	Auto Shuldown	tener to control down time of flare and improve gas quality from the wellfield
05-10/11	8 00PM	05/11/11	a ogam	12 00	Auto Shukemin	times to control down time of flare and emprove gas quality from the
05/11/11	8 00PM	06/12/11	8 00AM	12 00	Auto Shukdown	Flare was automatically shut down by the flare control panel cycle terms to control down time of flare and improve gas quality from the worlflate.
05/12/11	8 00PM	05/13/11	# DOAM	12 00	Auto Shutdown	Fiter was automatically shut down by the flare control panel cycle times to control down time of flare and improve gas quality from the realities.
06/13/11	8 00PM	05/14/11	8 COAM	12 00	Auto Shutdown	Flare was automatically stud down by the flare control panel cycle timer to control down time of flare and improve gas quality from the
05/14/11	8 00PM	05/15/11	8 OGAM	12 00	Auto Shuldown	welfield Flare was automatically shut down by the flare control penel cycle timer to control down time of flare and improve gas quality from the
05/15/11	8 00PM	05/16/11	8 QQAM	12 00	Auto Shutawan	walkeld Flare was automatically shut down by the flare control panel cycle timer to control down time of flare and improve gas quality from the
06/16/11	8.00PM	06/17/11	8 00AM	12 00	Auto Shutdown	welfield Flare was automatically shut down by the flare control panel cycle tree to control down time of flare and improve gas quality from the
	ļ	 				Plare was automatically shut down by the flere control panel cycle
05/17/11	8 00PM	05/18/11	8 OOAM	12 00	Auto Shuasown	timer to control down time of flare and improve gas quality from the well-tile. Flare use subcreationally shut down by the flare control panel Cycle.
05/18/11	8 00PM	05/19/11	8 00AM	12 00	Auto Shutdown	timer to control down time of flare and improve gas quality from the wallfaild. Flare was automatically shut down by the flare control panel cycle.
06/19/11	8 00PM	05/20/11	8 OGAM	12 00	Auto Shutsown	time was automatically shut down by the latter control parent cycle times to control down time of figra and improve gas quality from the welligid
05/20/11	10 55 AM	05/20/11	11 15 AM	0.33	Manual Shutdown	Menual Restart
05/20/11	8 00PM	08/21/11	8 00AM	12 00	Auto Shutdown	Fiere was automatically shut down by the fiere control pennel cycle timer to control down time of figure and improve gas quality from the wealthird.
05/21/11	8 00PM	06/22/11	8 0004	12 00	Auto Shutdown	Flare was automatically shut down by the flare control panel cycle timer to control down time of flare and emprove gas quality from the
05/22/11	8 00PM	05/23/11	8 DOAM	12 00	Auto Shutdown	Flore was automatically snut down by the flore control penal cycle terer to control down time of flore and emprove gas quality from the
05/23/11	8 00PM	05/24/11	8 DOAM	12 00	Auto Shutdown	waiting Flore was automatically shut down by the flore control panel cycle timer to control down time of flore and improve gas quality from the
05/24/11	8 00PM	06/25/11	8 DOAM	12 00	Auto Shutdown	welfleid Filtre was automatically shut down by the flare control penel cycle timer to control down time of flare and improve gas quality from the
06/25/11		05/26/11	8 ODAM	12.00	Auto Shutdown	welfield Flare was automatically shut down by the flare control penal cycle tener to control down time of flare and emprove gas quality from the
	-	1	-			welfield Flare was automatically shut down by the flare control panel cycle
05/26/1	+	06/27-11	8 OCAM	12 00	Auto Shutdown	timer to control down time of flare and improve gas quality from the welffeld. Flare was automotically shut down by the flare control panel cycle.
06/27/1	8 00PM	05/28/11	8 00AM	12 00	Auto Shutdown	timer to control down time of flace and improve gas quality from the welffeld. Flace was automatically shut down by the flare control panel cycle.
05/26/1	8 00PM	05/29/11	e ocam	12 00	Auto Bhussown	times to control down time of flere and improve gas quality from the wellfield
06/29/1	8 00PM	05/30/11	B DOAM	12 00	Auto Shutdown	Flare was automatically shut down by the flare control panel cycle times to control down time of flare and improve gas quality from the weithold
05/30/1	1 8 00PM	06/31/11	B DOAM	12 00	Auto Strutgown	Flere was automatically shul down by the flere control panel cycle timer to control down time of flere and improve gas quality from the wellfield.
06/31/1	1 8 00PM	DB/01/11	12 00 AM	400	Auto Shutdown	Flore was suformatically shut down by the flore control panel cycle timer to control down time of flore and improve gas quality trem the
						wellish

Total Downtone (Nn) 372 33 Total Hours in Month 744 Runtima Percentata 48 98%

Air Compressor Downstree Data

Air Compressor Downstree Data

Beer of Review Researd Total

Date Operating Date Time Operating Cause of Downstree Action Taken
No compressor downtimes during the month of May 2011

Total Downsins (Hrs1 0.00 Total Hours in Month 744 Runtime Percentage 100.00%

5/8/2011	Channel 5 Alarm - UST is 75% full	Technician called Veolia Transportation to dispatch pump truck to remove one load from UST
5/9/2011	Channel 5 Alarm - UST is 75% full	Technician called Veolia Transportation to dispatch pump truck to remove one load from UST
5/13/2011	Channel 5 Alarm - UST is 75% full	Technician called Veolia Transportation to dispatch pump truck to remove one load from UST
5/16/2011	Channel 5 Alarm - UST is 75% full	Technician called Veolia Transportation to dispatch pump truck to remove one load from UST
5/17/2011	Channel 5 Alarm - UST is 75% full	Technician called Veolia Transportation to dispatch pump truck to remove one load from UST
5/25/2011	Channel 5 Alarm - UST is 75% full	Technician called Veolia Transportation to dispatch pump truck to remove one load from UST
5/29/2011	Channel 5 Alarm - UST is 75% full	Technician called Veolia Transportation to dispatch pump truck to remove one load from UST
5/30/2011	Channel 5 Alarm - UST is 75% full	Technician called Veolia Transportation to dispatch pump truck to remove one load from UST



Ph: (330) 659-5930 Fax: (330) 659-5931

Waste Management - Closed Site Management Group

Auto-Dialer Call-Out Summary

Date	Auto Dialer Alarm	Corrective Action
5/1/2011	Channel 5 Alarm - UST is 75% full	Technician called Veolia Transportation to dispatch pump truck to remove one load from UST
5/1/2011	Channel 6 Alarm - UST is 100% full	Technician called Veolia Transportation to dispatch pump truck to remove one load from UST
5/2/2011	Channel 5 Alarm - UST is 75% full	Technician called Veolia Transportation to dispatch pump truck to remove one load from UST
5/2/2011	Channel 6 Alarm - UST is 100% full	Technician called Veolia Transportation to dispatch pump truck to remove one load from UST
5/3/2011	Channel 5 Alarm - UST is 75% full	Technician called Veolia Transportation to dispatch pump truck to remove one load from UST
5/3/2011	Channel 6 Alarm - UST is 100% full	Technician called Veolia Transportation to dispatch pump truck to remove one load from UST
5/4/2011	Channel 5 Alarm - UST is 75% full	Technician called Veolia Transportation to dispatch pump truck to remove one load from UST
5/4/2011	Channel 6 Alarm - UST is 100% full	Technician called Veolia Transportation to dispatch pump truck to remove one load from UST
5/5/2011	Channel 5 Alarm - UST is 75% full	Technician called Veolia Transportation to dispatch pump truck to remove one load from UST
5/6/2011	Channel 5 Alarm - UST is 75% full	Technician called Veolia Transportation to dispatch pump truck to remove one load from UST
5/7/2011	Channel 5 Alarm - UST is 75% full	Technician called Veolia Transportation to dispatch pump truck to remove one load from UST



Ph: (330) 659-5930 Fax: (330) 659-5931

Waste Management, Powell Rd Landfill Landfill Gas and Condensate Collection Systems Maintenance Summary Report

Jun-2011

Date	System Repaired	Proactive/ Reactive	Diagnosis of Problem Causing Reactive Action	Corrective Action / Description of Maintenance Performed
06/03/11	G/L 10	Reactive	Technician believed there to be an air leak in pump.	Technician pulled pump and noted that air line assembly and breather line hose barb leading into the brain of the pump were both broken. Technician replaced them with spares. Technician then attempted to clean the pump. The technician then also noted that the check ball was damaged so the technician replaced the check ball. Technician then re-installed the pump and noted it didn't pump. This pump will be put as a priority during the Annual Wellfield Pump Pull Event.
06/03/11	Leachate Control	Reactive	Technician noted that the roof on top of the control panel had fallen.	Technician removed the hanging roof and disposed of it.
06/03/11	Flare Enclosure	Proactive	Vegetation was getting tall	Technician weed whipped the flare enclosure.
06/03/11	G/L 25	Reactive	Technician noted that the sample port on well G/L 25 was broken	Technician replaced the sample port with a new one.

Additional Comments:

No Additional Comments



American Environmental Group Ltd 3600 Brecksvele Rd Suite 100 Richfield Oten 44785

Ph (330) 559 5930 Fex (330) 659-5931

Waste Management, Powell Road Landfill

June 1, 2011 Thru June 30, 2011 Downtime Report

Flare Downtime Data Yotal Cause of Downtime Action Taken Date Turns Downtime (Hr) Claus was a correct cally that drawn by the force control serial cycle 6 OCAM 8 00 terner to control down time of flere and improve gas quality from the 06/01/11 06/01/1 12 00414 nationally about down by the flore control panel cycle 12 00 Auto Brussow great to control down time of flere and emprove gas quality from the DB/01/11 8 00PM 06/02/11 8 COAM realists
Flare was automatically shut down by the flare control panel cycle brow to control down time of flere and improve gas quelty from the E OGAM 12.00 Auto Strategic 6 00PM 08/03/11 Manual Region 0 33 10 55 AM 06/03/1 Chara was a supressorable about drawn by the flare conduct material cockie. 8 00AM smer to control down time of flare and improve gas quality from the 08/03/1 8 00PM Districted here were a commencedly that down by the flore control panel cycle 12 00 Auto Shutdown 08/04/11 6 00PM 06/05/11 8 COAN weatheld Flame was automatically shut down by the flame control panel cycle army to control down time of flare and improve gas quality from the westfield 8 (004) 12.00 Auga Stratega Flore was automatically shut down by the flore control panel cycle 08/07/11 8 DOAM 12.00 Auto Shutdane terner to control down time of flere and emprove gas quality from the B COPM restricts
Figure were automatically shut down by the flare control panel cycle OBJ07/11 8 00PM 08/08/1 e (CAM 12 00 Auto Shummer tener to control down time of flore and improve one quality from the Figure were automatically shut down by the flere control penel cycle 08/08/11 8 ODPM 06/09/1 A COAM 12 00 Auto Structural hower to control down time of flare and improve our quality from the walkerd. Flare was automatically shut down by the flare control panel cycle 12 00 timer to control down time of flere and strorove gas quality from the 08/09/11 8 00PM DB/10/11 a coast Auto Shundown 12 00 00/10/11 A CORNA 06/11/1 A COAM Auto Shutdown terner to control down time of flare and improve any quality from the 12 00 terner to control down time of flere and improve our quality from the 06/11/11 A COPM 06/12/11 B COAM Auto Shutdown wellfield Figre was automatically shut down by the flare control panel cycle timer to control down time of flere and improve gas quality from the 12 00 06/12/11 8 00PM 06/13/11 8 DOAN Auto Shutdown Fiere was automatically shull down by the flere control panel cycle timer to control down time of flere and improve gas quality from the 12 00 8 OCAM 06/14/11 Auto Shutdown 06/13/11 8 COPM Flore was automatically shut down by the flore control panel cycle terner to control down time of flere and improve gas quality from the E COLAM 06/14/11 6 00PM 08/15/11 here was automatically shut down by the flare control panel cycle 05/15/11 06/16/11 8 00AM 12 00 Auto Shutdown ner to control down time of flere and improve gas quality from the 8 00PM - District Flare was automatically shut down by the flare coverol panel cycle 8 COAM 12 00 timer to control down time of flere and improve gas quality from the 8 00PM are was automatically shull down by the flare control panel cycle 06/17/11 06/18/1 8 00AM 12 00 Auto Shutdown timer to control down time of figure and improve gas quality from the 8 00PM Flare was automatically shut down by the flare control panel cycle 06/16/11 06.19/1 n COAM 12.00 Auto Shutdown somer to control down time of flere and improve gas quality from the here was automatically shul down by the flare control panel cycle 06/19/1 8 00PM 06/20/11 A DOAM 12 00 Auto Shutdow? timer to control down time of flere and improve gas quality from the Flore was automatically shut down by the flore control panel cycle 06/21/11 8 00PM 06/22/11 6 COAM 12.00 Auto Shuttour tener to control down time of flere and improve gas quality from the Figre was automatically shull down by the flare control panel cycle 08/22/1 8 00PM D8/23/11 a coale 12.00 Auto Shutdow timer to control down time of flere and improve gas quality from the Flare was automatically shull down by the flare control penel cycle 06/23/11 8 00PM 08/24/11 A COAM 12.00 Auto Shuddown mer to control down time of flere and improve gas quality from the Figre was automatically shut down by the flere control panel cycle 08/24/11 A MODE 06/25 11 A COAM 12 00 Auto Southour tener to control down time of flere and improve gas quality from the figre was automatically shut down by the flare control panel cycle 08/25/11 R DOPM 06/26/1 A COAM 12 00 Auto Shuedowii terner to control down time of flere and improve one quality from the 06/26/11 8.00PM 06/27/11 S COAN 12 00 Auto Snutdown timer to control down time of flere and morove one quality from the welfield.
Figure was automatically shut down by the flare control panel cycle. 8 00AM 12 00 08/27/11 6 COPM 06/26/1 Auto Shutdown terner to control down time of flere and improve pas quality from the wellight.
Flare was autometically shut down by the flare control panel cycle. B COAM 12 00 08/28/1 8:00PM 06/29/11 Auto Shutdown timer to control down time of flere and improve one quality from that welferd: Figre was automatically shull down by the figre control panel cycle 06/30/11 8 00AM 12 00 tener to control down time of flere and improve gas quality from the 08/29/1 8 00PM Auto Shutdown wellheld Flare was automatically shut down by the flare control panel cycle times to control down time of flere and improve gas quality from the

> Total Hours in Month Burtone Percentage

07/01/11

06/30/11

8 00PM

348 33 720 51 62%

Notes. The downtime and runtime calculated on this sheet is the result of known downtime only

Air Compressor Downtime Data						
	Start of		Pertert	Yotal		
Opto	Downtime	Date	Tirres	Downtime	Cause of Downtime	Action Taken
			I		1	No compressor downtimes during the month of June 2011

Total Hours in Month

12 00 AM



Ph: (330) 659-5930 Fax: (330) 659-5931

Waste Management - Closed Site Management Group

Auto-Dialer Call-Out Summary

Powell Rd Landfill, Huber Heights, Ohio

Jun-2011

De 1966-1988 (1986-1988) (1

Date	Auto Dialer Alarm	Corrective Action
6/10/2011	Channel 5 Alarm - UST is 75% full	Technician called Veolia Transportation to dispatch pump truck to remove one load from UST
6/12/2011	Channel 5 Alarm - UST is 75% full	Technician called Veolia Transportation to dispatch pump truck to remove one load from UST
6/13/2011	Channel 5 Alarm - UST is 75% full	Technician called Veolia Transportation to dispatch pump truck to remove one load from UST
6/14/2011	Channel 5 Alarm - UST is 75% full	Technician called Veolia Transportation to dispatch pump truck to remove one load from UST
6/15/2011	Channel 5 Alarm - UST is 75% full	Technician called Veolia Transportation to dispatch pump truck to remove one load from UST
6/16/2011	Channel 5 Alarm - UST is 75% full	Technician called Veolia Transportation to dispatch pump truck to remove one load from UST
6/17/2011	Channel 5 Alarm - UST is 75% full	Technician called Veolia Transportation to dispatch pump truck to remove one load from UST
6/18/2011	Channel 5 Alarm - UST is 75% full	Technician called Veolia Transportation to dispatch pump truck to remove one load from UST
6/21/2011	Channel 5 Alarm - UST is 75% full	Technician called Veolia Transportation to dispatch pump truck to remove one load from UST